

★ SPECIAL PATRIOTIC ISSUE

HIGH TIMES



HIGH TIMES

JULY 1988

\$3.95

CANADA \$4.50

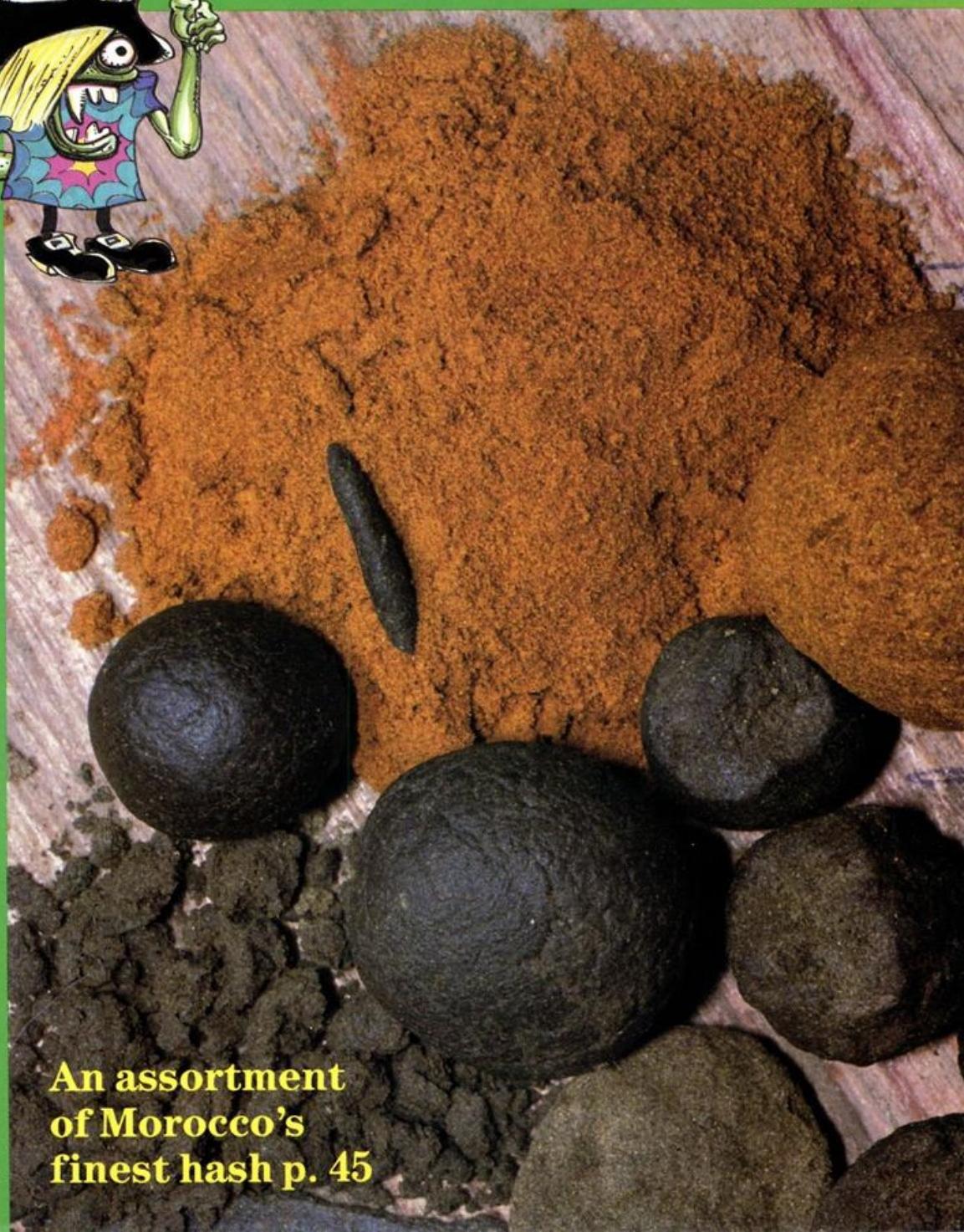
HASH BASH!

REPORT FROM
ANN ARBOR
INCLUDING THE
GROW SEMINAR
WITH ED AND BRAM

THE

FLYING FOUNDING FATHERS

CANNABIS
PRODUCTION
IN THE
COLONIAL ERA
BY PETER GORMAN



An assortment
of Morocco's
finest hash p. 45

Indoor Sun

ENERGY EFFICIENT GROW LIGHTS

METAL HALIDE—(balanced growing spectrum)

All systems include assembled ballast, bulb, reflector, 15' lamp cord & 8' power cord.	
★ 1000 watt DELUXE—Your choice of one of four great reflectors: 46"Polished aluminum super reflective hood (white available on request). □ Our new 20" low profile (only 7" high) horizontal reflector with a space-age polished aluminum reflective panel (puts out 45% more light than conventional reflectors). □ 48" parabolic, high output reflective hood. □ 20" adjustable white enamel reflector. Each deluxe unit comes with a super quiet ventilated ballast box with a high quality 6-outlet power supply with a lighted on/off switch and a 15 amp circuit breaker. System includes a 110,000 lumen-12,000 hr. bulb To upgrade to our 125,000 lumen-12,000 hr. Horticultural Superbulb	\$184.50 Add \$15.00
★ 1000 watt STANDARD—18" high temp. white enamel reflector. Ventilated ballast box. System includes a 110,000 lumen-12,000 hr. bulb To upgrade to our 125,000 lumen-12,000 hr. Horticultural Superbulb	\$167.50 Add \$15.00
★ 1000 watt ECONOMY—2'x3' polished aluminum reflective hood (not shown). Assembled open ballast. System includes a 110,000 lumen-12,000 hr. bulb To upgrade to our 125,000 lumen-12,000 hr. Horticultural Superbulb	\$144.50 Add \$15.00
★ 400 watt DELUXE—14" high temp. white enamel reflector. Ventilated ballast box with a high quality 6-outlet power supply with a lighted on/off switch and a 15 amp circuit breaker. System includes a 34,000 lumen-20,000 hr. bulb To upgrade to our 40,000 lumen-20,000 hr. Horticultural Superbulb	\$134.50 Add \$10.00
★ 400 watt STANDARD—14" high temp. white enamel reflector. Ventilated ballast box. System includes a 34,000 lumen-20,000 hr. bulb To upgrade to our 40,000 lumen-20,000 hr. Horticultural Superbulb	\$124.50 Add \$10.00
★ 400 watt ECONOMY—2'x3' polished aluminum reflective hood (not shown). Assembled open ballast. System includes a 34,000 lumen-20,000 hr. bulb To upgrade to our 40,000 lumen-20,000 hr. Horticultural Superbulb	\$109.50 Add \$10.00
★ 175 watt MINI-MIGHT METAL HALIDE—15" reflector with self-contained ballast. 15,000 lumen-20,000 hr. bulb (only 18c/day to operate)	\$99.00

HIGH PRESSURE SODIUM—(red orange spectrum)

Completely assembled. All systems include a covered ventilated ballast, bulb, reflector, 15' lamp cord and 8' power cord.

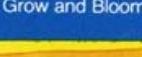
★ 1000 watt DELUXE—Your choice of one of four great reflectors (5 KV pulse rated socket included): □ —46" Polished aluminum super reflective hood (white available on request). —Our new 20" low profile (only 7" high) horizontal reflector with a space-age polished aluminum reflective panel (puts out 45% more light than conventional reflectors) □ —48" parabolic, high output reflective hood □ —20" adjustable white enamel reflector □ System includes a 140,000 lumen-24,000 hr. Sodium bulb	\$269.50
★ 400 watt DELUXE—14" high temp. white enamel reflector. Includes 50,000 lumen-24,000 hr. Sodium bulb	\$189.50
★ MINI-MIGHT GROW LIGHT—Our compact powerful (16,000 lumens) grow light employs a highly efficient High Pressure Sodium lamp (3 year bulb life) and a self-contained Transformer-Ignitor. Costs only 15c a day (18 hours on) or about \$4.50/month to operate. 15" reflector—good for 3'x3' area. Sale priced at \$99.00+\$5.00 shipping, anywhere in U.S.A.	\$99.00

LOW PRESSURE SODIUM—(our most efficient light)

★ 180 watts produce 33,000 lumens. Great for flowering. Excellent for side light. Deluxe fixture. Ventilated ballast box	\$195.00
--	----------

ACCESSORIES:

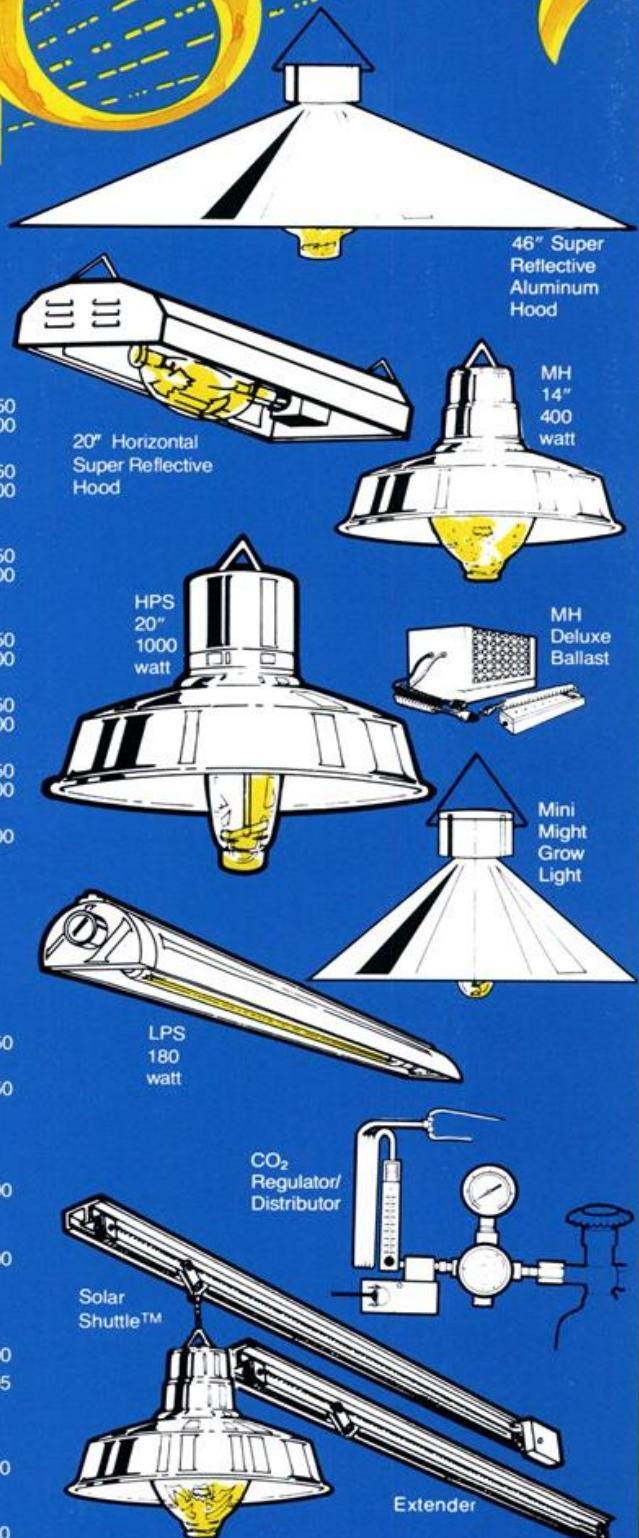
Replacement light bulbs available for all our systems at our low everyday prices.	
★ High Pressure Sodium Conversion Bulbs that work in metal halide ballasts. 1000 watt—24,000 hr. \$139.00 400 watt—24,000 hr.	\$69.00
★ 15 amp Paragon timer (works on all our systems)	\$14.95
★ CO ₂ Regulator/Distributor —Maintains CO ₂ at a constant level while the light is on to promote up to 25% increase in growth. For growing areas 25 sq. ft. to 1000 sq. ft. Includes all gauges and distribution lines. Plugs into your light's timer (tank not included) Sale Priced \$139.00	
★ Solar Shuttle™ Track—moves your lamp quietly and efficiently back and forth above your plants on a 6-foot track in 40-minute cycles increasing the coverage of your lamp	\$99.00
★ Solar Shuttle™ Extender—adds another 6-foot track to the end of your Solar Shuttle™ so you can run two lights off of one shuttle	\$39.95



ENERGY SAVERS UNLIMITED, INC.

22138 SOUTH VERNON AVE. #C, TORRANCE, CA 90502

Toll Free Outside California (800) 421-2994 In California Call Toll Free (800) 538-3400



ONE YEAR PARTS & LABOR GUARANTEE • 30 DAY MONEY BACK
GUARANTEE • MOST ORDERS SHIPPED IN 24 HOURS
C.O.D. ORDERS WELCOME • NO DEPOSIT REQUIRED
QUANTITY PRICES AVAILABLE • CALL FOR FREE CATALOG.



Prices do not include shipping.

BODY STIMULANTS!



**FASTEST
& STRONGEST**

STIMULANTS
LARGEST SELECTION
FASTESt SERVICE

**LOWEST PRICES
ANYWHERE**

**WE WILL MEET OR BEAT
ANY REASONABLE PRICES!!**

Orders Shipped in 24 Hours!

CODE #A 1000 100 \$34.95 \$7.50	CODE #B 1000 100 \$29.95 \$7.00
325 MGS CAFFEINE	200 MGS CAFFEINE
CODE #C 1000 100 \$35.00 \$7.50	CODE #D 1000 100 \$39.95 \$6.50
250 MGS CAFFEINE	200 MGS CAFFEINE
CODE #E 1000 100 \$22.50 \$6.50	CODE #F 1000 100 \$28.50 \$6.50
250 MGS CAFFEINE	325 MGS CAFFEINE
CODE #G 1000 100 \$28.50 \$6.50	CODE #H 1000 100 \$17.95 \$6.50
325 MGS CAFFEINE	25 MGS EPHEDRINE
CODE #I 1000 100 \$29.95 \$6.50	CODE #J 1000 100 \$29.95 \$6.50
200 MGS CAFFEINE	-200 MGS CAFFEINE
CODE #K 1000 100 \$22.50 \$6.50	CODE #L 1000 100 \$32.50 \$7.50
250 MGS CAFFEINE	357 MGS CAFFEINE

PAYMENT:

- CHARGE CARD (\$10.00 min.)
- MONEY ORDER (ANY AMOUNT)
- PERSONAL CHECKS (not over \$50.00)
- C.O.D.'s (\$10.00 min.)
- ALL ORDERS IN U.S. FUNDS ONLY

813-527-9977
(EAST COAST TIME)



RUSH ORDER TO: EAST COAST NUTRITIONAL LABS
5480 58th St. No.
Box 28336
St. Petersburg, FL 33709

(Please Print) -----

Name _____	SALES TAX			
Address _____				
City _____ State _____ Zip _____				
Phone (_____) _____				
ITEM CODE	QUANTITY	HOW MANY	PRICE EACH	TOTAL
□ M/C □ VISA				
Card # _____ Exp. ____ / ____				

Signature _____ (Charge cards must include phone #)

NOTE: Our products bear our trademark. They cannot be confused with any other product on the market. Offers subject to change without notice. May substitute. Take only as directed. Read all package statements, no sales to minors or where prohibited by law. The advertised products have various levels of non-controlled ingredients. O.T.C.'s not to be mixed with alcohol. Any attempts to offer these products for sale as a controlled substance or prescription drug may be a crime. This may result in criminal prosecution. Compliance with any law is the purchaser's responsibility. CAUTION: Individuals under medical care should consult their physician.



THE ULTIMATE GROWING SYSTEM

Starts with the AQUAFARM™ modular system.

An expandable hydro system that allows you to start with a single module then add up to as many as 12. The unique AIRFLO™ pumping system creates growth and yield faster than any other modular system on the market. It is completely automatic and virtually

problem free. Beware of imitations, they are not a genuine AQUAFARM.

Each system includes: GROROX™ growing medium, AIRFLO pumping system, General Hydroponics grow and bloom nutrients, pH test kit and complete instructions.

Priced at: single \$58.00, four modules \$198.00, six modules \$295.00, eight modules \$389.00, ten modules \$450.00 and 12 modules \$530.00. (Controller included in groups of four, six eight, ten and twelve module systems.)

Introducing the AQUAFARM AEROFLO™ system.

Diamond Lights and General Hydroponics are proud to offer aeroponic technology to the home grower. The AEROFLO

system is the most advanced hydroponic growing system available in the world today! It has demonstrated extraordinary results in cloning and regenerating plants from cuttings. This system is capable of growing 24 clones to maturity in 6 weeks using the "Sea of Green Method."

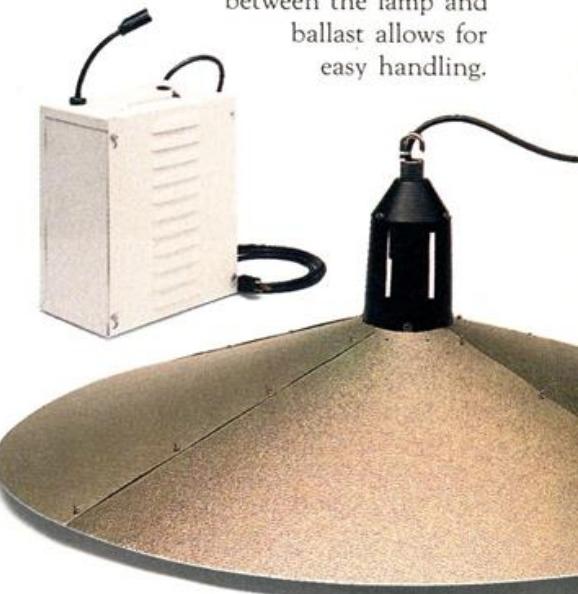
Each system includes: Rockwool growing medium, AIRFLO pumping system, General Hydroponics grow and bloom nutrients, pH test kit and complete instructions. Priced at: \$289.00.

Top it off with the best lighting systems in the business.

Your choice of our TEXTURE-WHITE™ finish on the 21" parabolic hood, 45" standard hood, or our new 45" parabolic hood with any of our lights. A whisper quiet heavy-duty ballast with a ventilated and double paneled enclosure for maximum cooling.



Also included: 20' 600 V lamp cord, plus 8' power cord. Our unique molded plug between the lamp and ballast allows for easy handling.



Priced at: 1000 Super Halide \$198.00, 1000 H.P. Sodium \$258.00, 400 Halide \$138.00, 400 H.P. Sodium \$188.00.

We also carry Suncircle, Solar Shuttle, CO₂ and a complete line of growing accessories.

SEE OUR AD ON PAGE 7

For ordering or free catalog call TOLL FREE 800-331-3994 or 415-459-3994.

DIAMOND LIGHTS

713 Mission Avenue • San Rafael, CA 94901

"We are different from the rest."

- Money order, credit card, COD orders shipped within 24 hrs.
- Prices do not include shipping.
- Dealer inquiries welcome.



CONTENTS

JULY 1988

FEATURES

THE FLYING FOUNDING FATHERS

by Peter Gorman 32

If pot's so bad for you, how come George Washington considered it one of his most valuable crops?

HASH BASH

by Buford Bosko 38

The place: Ann Arbor, Michigan. The time: April Fool's Day, 1988.

The reason: POT IS LEGAL!

INTERVIEW: JOHN SINCLAIR

by John Holmstrom 44

MODERN MOROCCAN '87

by Baba Bob and Sadu Sam 45

The village of Ketama is one of the world's major hash producing centers. A special report for the Year of Hash.

DUTCH HARVEST PART II

by Ed Rosenthal 54

UNDERGROUND WITH AMSTERDAM'S PIETER POT

by Kyle Roq 64

A guide to DAR (Dutch Alternate Reality).

COLUMNS DEPARTMENTS

PAGE SIX

by Steven Hager 6

LETTERS

from our readers 14

ONE MAN'S DOPE

by Dean Latimer 21

What do John Hancock and Ramon Milian Rodriguez have in common? Ask Dr. Dean!

NORMLIZER

by Jon Gettman 23

DR. INDOORS

by Bram 53

ASK ED

by Ed Rosenthal 56

HIGH ART

by Carlo McCormick 62

Psychedelic Pseascapes by Richard Hambleton

HIGHWITNESS NEWS

edited by Lou Stathis 19

Plans for the Alternative Democratic Convention, Joe Bartos' Conservatives hit adolescence, and a new "dealer money" asset-freeze scam.

TRANS-HIGH MARKET

QUOTATIONS

edited by Edie Barrett 26

TRANS-HIGH MARKET

LETTERS 27

CENTERFOLD 50

PRODUCTS 69

CLASSIFIEDS 78

BOOKSTORE 80

MEDIA ROOM

edited by John Holmstrom 89

On the Cover: An assortment of Moroccan high quality hash, unavailable commercially. Photo by Baba Bob.



Monster Plants! (see page 94)



SAVE!! BEST QUALITY INDOOR GROW LIGHTS

METAL HALIDE: Best for fast plant growth

MH 1000 Watt Basic System (Reg. \$182) **\$139.95**
For SUPER BULB 125,000 lumen add \$14.00

MH 1000 Watt Pro. System (Reg. \$210) **\$170.90**
Choice of 48" Parabolic or 24" Horizontal Reflector with quiet ballast box
For SUPER BULB 125,000 lumen add \$14.00

MH 1000 Watt Deluxe System (Reg. \$238) **\$179.95**
Same as MH 1000 Pro + 15 Amp. protective circuit breaker & on/off switch
For SUPER BULB 125,000 lumen add \$14.00

MH 400 Watt Pro System for small areas (Reg. \$151) **\$124.50**
18" dome (for 48" Parabolic or 24" Horizontal Reflector add \$9.95)

HIGH PRESSURE SODIUM: Best for budding

HPS 1000 Watt Deluxe System (Reg. \$317) **\$255.95**
Choice of 48" Parabolic or 24" Horizontal Reflector with quiet ballast box

HPS 400 Watt Deluxe System (Reg. \$215) **\$184.95**
18" dome (for 48" Parabolic or 24" Horizontal Reflector add \$4.95)

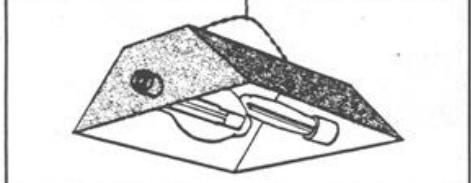
Mini-Horizontal MH175w or HPS150w (Reg. \$139) **\$95.00**

COMBO MH400/HPS400 Horizontal System

The ultimate grow light, perfectly blended for maximum growth and budding
24" x 20" x 10" Horizontal, ventilated, super reflective, electrowhite aluminum

reflector, with 2 bulbs (MH400 & HPS400); quiet, remote, ventilated ballasts

Regularly \$375 **SALE \$299.00**



LIGHT MOVERS:

SOLAR SHUTTLE™ **\$93.95**

SUN CIRCLE 2™ **\$187.95**

SUN CIRCLE 3™ **\$244.95**

SEE OUR AD Pg. 12 • FREE CATALOG

COMPLETE INDOOR GROWING SUPPLIES

Hydroponics, CO₂, Mylar, Rockwool,
Timers, HPS Conversion Bulbs, etc...

ORDER TOLL FREE (800) 458-7474

C.O.D.

or in Los Angeles buy direct:

HAMILTON TECHNOLOGY
14902 South Figueroa St., Gardena, CA 90248

Authorized Retail Stores*:

GEORGIA*, Hy-dro-Grow Mini-Farm, Route 1, Cataula
2 miles No. of Columbus on Hamilton Road, (404) 324-4769

DENVER*, Thomas Floral, 1 Broadway #108 (303) 744-6400

* Prices may vary at stores.

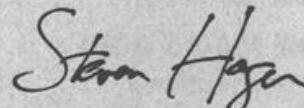
PAGE SIX



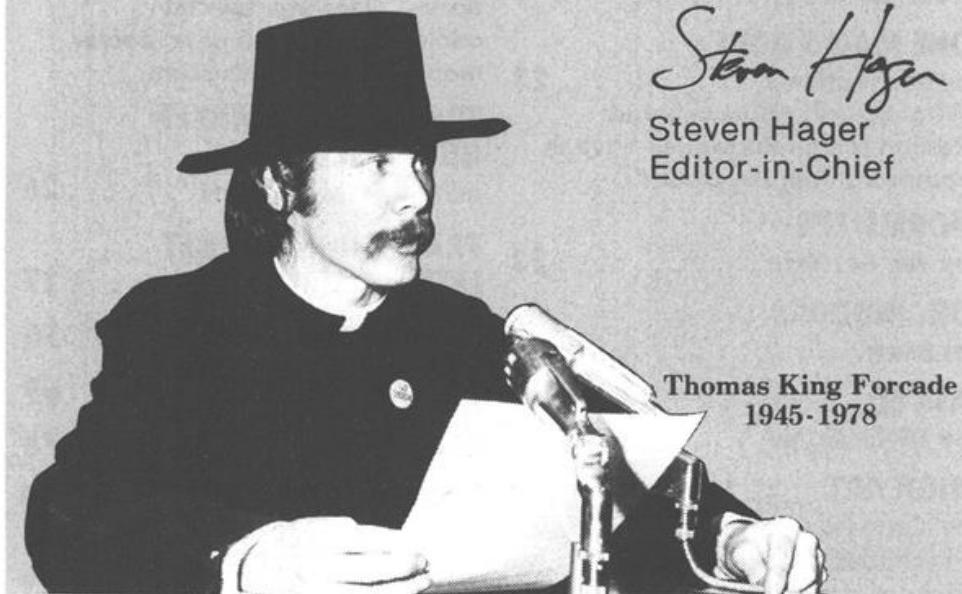
It's been a long time since HIGH TIMES played an active role in the politics of the counterculture. We've been too busy trying to survive the past decade. But this was not always the case. As originally conceived by Thomas King Forcade, HIGH TIMES often took the point position in matters of cultural significance. In those days, the magazine ran on Forcade's bottomless energy reserves. And when he tragically and unexpectedly took his life (after being hounded by government surveillance), the magazine almost died with him. Which is why—as we embark on our 15th year of publication—his shadow looms so large.

Unfortunately, our founder is not well-known, even among our readers. He never sought personal publicity, so the major media of his time ignored him. Even so, no history of the counterculture would be complete without a chapter devoted to him.

During the next year, HIGH TIMES will be publishing a series of interviews with Forcade's family, friends, and business associates, in preparation for a special issue which will be published next spring. The first of these interviews, conducted by John Holmstrom, appears on page 44. Contributions for the issue (in the form of personal remembrances) are welcome. If you have any material of relevance, please write us at 211 East 43rd St., NYC 10017.

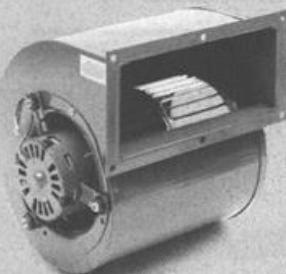


Steven Hager
Editor-in-Chief



Thomas King Forcade
1945-1978

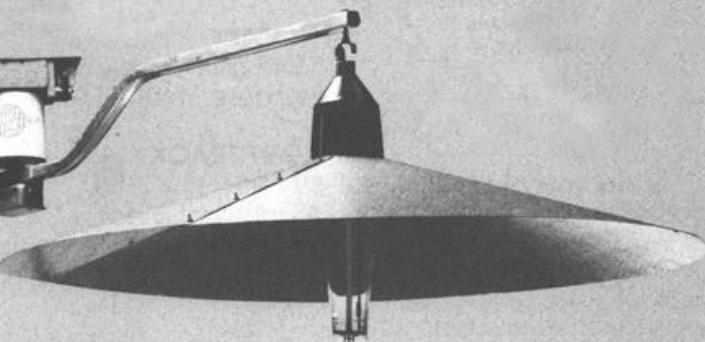
DIAMOND LIGHTS



See our catalog for the complete line of blowers, thermostats and humidistats.



SUN CIRCLE 3™—3 light balancer, 360° continuous rotation, 50 minute cycle (min. room size 12' x 12') . . . \$248.00

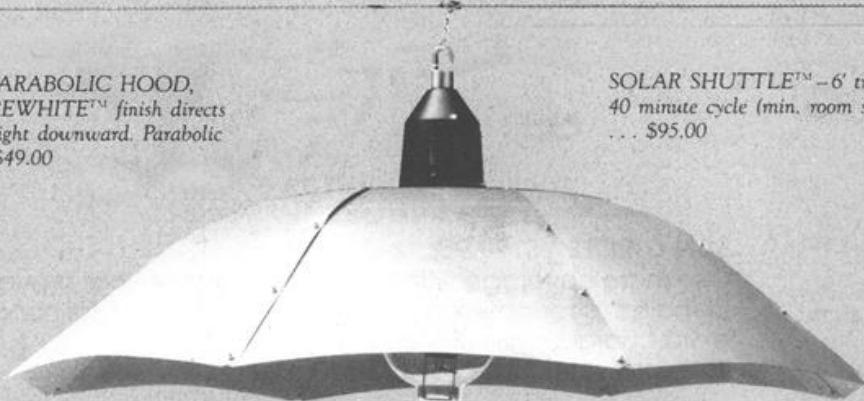


SUN CIRCLE 2™—2 light balancer, 360° continuous rotation, 50 minute cycle (min. room size 10' x 10') . . . \$189.00



Our new 45" PARABOLIC HOOD, with TEXTUREWHITE™ finish directs 100% of your light downward. Parabolic hood only . . . \$49.00

SOLAR SHUTTLE™—6' track, 1 light, 40 minute cycle (min. room size 4' x 10') . . . \$95.00



THE ULTIMATE IN INDOOR GROWING ACCESSORIES

Diamond Lights specializes in a full range of the finest indoor growing equipment available. Backed by knowledgeable and courteous people who actually listen to your needs.

What about prices? Compare our prices to any indoor garden store in the United States. We will not only save you money, but our products are backed by full warranties and the quality reputation of Diamond Lights.

WE'RE SHIPPING DAILY

With other stores, after placing your order, you could wait weeks, even many weeks for an item you needed yesterday.

Not at Diamond Lights. Every order placed with us is shipped via UPS within 24 hours, in plain boxes. Your name and address is held in the strictest confidence. (See catalog for complete ordering and shipping information). Phone TOLL FREE 800-331-3994 or in CA 415-459-3994 for ordering & FREE new 1988 catalog.

COMPLETE LIGHT SYSTEMS

DMS1000 45" or 21" hood . . . \$198.00
DHPS1000 45" or 21" hood . . . \$258.00
DM400 45" or 21" hood . . . \$138.00
(40,000 Lumen Super Bulb) add \$10.00
DHPS400 45" or 21" hood . . . \$188.00
*45" Parabolic hood . . . add \$20.00
*220 volt wiring on request—at no charge

SEE OUR AD PAGE 4

DIAMOND LIGHTS products are also available in these locations:

MAH

151 Alkier St., Brentwood, NY 11717
800-227-9351 / 516-231-9472

EAST COAST HYDROPOONICS

432 Castleton, Ave., Staten Island, NY 10301
800-255-0121 / 718-727-9300

DIAMOND LIGHTS

"We are different from the rest"

713 Mission Ave. • San Rafael, CA 94901
Phone TOLL FREE 800-331-3994 or in
CA 415-459-3994 for ordering and our
FREE 1988 catalog.



APPLIED HYDROPONICS, INC.
FOR FACTORY DIRECT SALES

CALL TOLL FREE



or call or visit your nearest
authorized retailer:
Prices, special offers, and hours may vary.

Arizona

Red Mountain Hydroponics (602) 464-1797
121 S. Country Club Dr., Mesa, AZ 85210

California

Applied Hydroponics-LA. (818) 243-0068
4527 San Fernando Rd., Glendale, CA 91204

Hydro'Lights (916) 895-8301

347 Nord Ave. Ste. #1, Chico, CA 95926

Colorado

Rocky Mountain Lighting & Hydroponics
(303) 428-5020

7100 N. Broadway, Ste. 5-S, Denver, CO 80221

Florida

Worms Way-Florida (813) 621-1792
5311 56th Commerce Park Blvd., Tampa, FL 33610

Idaho

Idaho Halide (208) 345-1564
3159 Chinden Blvd., Boise, ID 83714

Illinois

Chicago Indoor Garden Supply (312) 289-4545
108 N. Barrington Rd., Streamwood, IL 60107

High Tech Indoor Gardening (309) 745-5813
2164-B Washington Rd., Washington, IL 61571

Indiana

Worms Way-Indiana (812) 837-9901
4620 S. State Road 446, Bloomington, IN 47401

Michigan

Indoor Gardening Center, Inc. (313) 451-0797
8539 Lilley Rd., Canton, MI 48187

Indoor Gardening Center, Inc. (313) 548-4769
26105 John R. Road, Madison Hts, MI 48071

Ohio

Northern Lights & Hydroponics (216) 922-0777
2039 State Road, Cuyahoga Falls, OH 44223

Waterbeds & Stuff (614) 276-4722
3788 W. Broad St., Columbus, OH 43228

Seven central Ohio locations

Mail orders: Direct source

Call 800-848-1408, In Ohio 800-971-1668

Oklahoma

Urban Tek Growers Supply (405) 843-1888
2911 W. Wilshire, Oklahoma City, OK 73116

Pennsylvania

Northern Lights & Hydroponics (814) 456-3962
2809 Pine Ave., Erie, PA 16504

Northern Lights & Hydroponics (412) 654-8383
4 Mahoning Ave., New Castle, PA 16102

Northern Lights & Hydroponics (412) 824-8446
814 E. Pittsburgh Plaza #7, Pittsburgh, PA 15212

Texas

Gas Pipe (817) 460-2266
1407 No. Collins, Arlington, TX 76010

Gas Pipe (512) 472-4774

701 E. 5th, Austin, TX 78701

Gas Pipe (214) 526-5982

4420 Maple, Dallas, TX 75219

Gas Pipe (214) 699-3955

9191 Forrest, Dallas, TX 75243

Canada

Brite Lite/Que pousser (514) 489-3806
2215 Walkley, Montreal, Quebec, CAN H4B2J9



HYDROFARM®

More growers rely on HYDROFARM products than any other brand of equipment. Why? Because HYDROFARM products are designed for optimum performance and are manufactured for quality, safety and durability.

LIGHT TRACK™

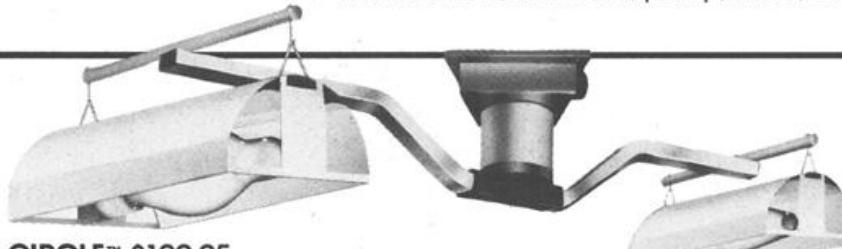
\$99.95

A one-light linear movement system. Bonus:
Free grounded multi-plug (\$7.95 value)
(Light not included.)



HYDROFARM SOLO GEOLITE SYSTEM

Professional quality automated Ebb & Flow with Geolite in a single unit size.
2' x 2'. Includes nutrients, pump, timer, etc. \$64.95



SUN CIRCLE™ \$199.95

Get more coverage with this rotating device that moves two lights in a full circle. Blend lights for optimum results. Exclusive horizontal hanger bars included at no extra charge. (Lights not included.)

One-arm Sun Circle \$139.95 Three-arm Sun Circle \$259.95



CYLINDERS OF SUNLIGHT™

Recommended for seedlings and cutting starts, low ceilings. Same spectrum as the sun. Twisted for more light.

Box of six 48" tubes \$74.95

Other grower-proven HYDROFARM products also available (see catalog):

- 45" Vertical Reflector Systems • Hydrofarm Cutting Concentrate • Leisure Gardens
- Grow and Bloom Nutrients • Air Cleaner • Cutting Starter Kit • HPS Conversion Bulbs
- Digital pH Pen • Fans • Geolite • Rockwool • Mylar • White Plastic, etc.

SPECIAL OFFER

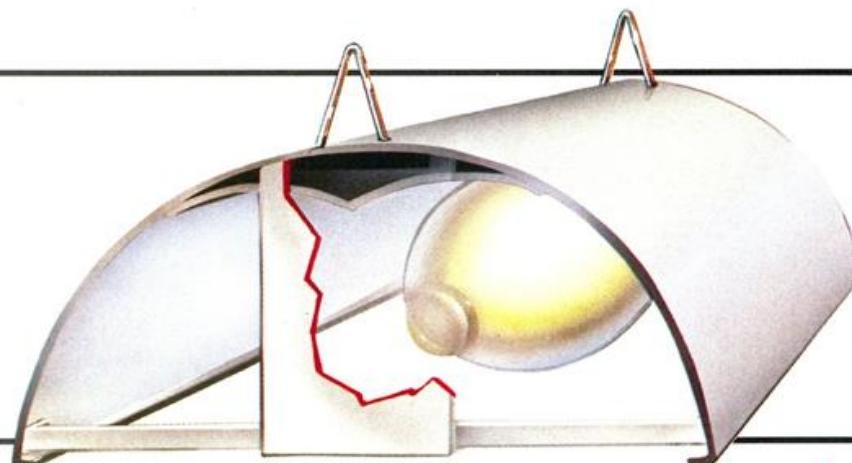
With every purchase of HYDROFARM products we are giving away a copy of *MEGACROP*, the latest book on increasing your yield. This offer is available at all participating authorized retail outlets as well as through phone and mail orders.



Why buy from us?

Applied Hydroponics has been the leading manufacturer of indoor gardening equipment since 1977. We are the oldest and the largest. Time tested and proven, our record for quality, reliability, and service speaks for itself; HYDROFARM brand products are the choice of more growers and retailers than all others combined!

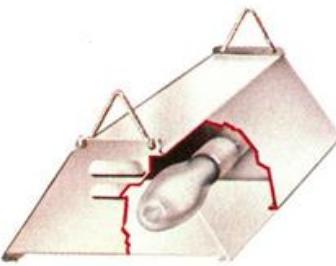
GROW WITH THE BEST



THE HYDROFARM GROW WING™ (pat. pend.)

Delivers more light intensity than any other reflector, horizontal or vertical!

- Horizontal system with double parabola design for the most efficient light reflection—**THE BEST!**
- Low profile for more vertical growing space
- Electro-white finish for permanent, uniform light distribution
- Strong steel construction for level lamp support
- Adjustable lamp position bracket
- **Safety-First** HYDROFARM wiring system.

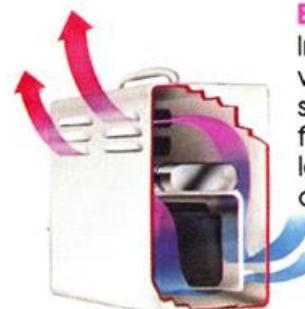


MINI-HORIZONTAL

Choose 175 watt metal halide or 150 watt HPS system.

- Horizontal efficiency
- Built-in ballast
- Electro-white finish
- Ready to plug into any 120V outlet.

\$109.95



BALLAST (Included)

Improved design with double-wall steel construction, front and rear bi-level louvers, all UL components.

LIGHTING SYSTEMS

1000 MH	\$199.95
400 MH	149.95
1000 HPS	264.95
400 HPS	189.95

THE HYDROFARM QUANTUM™ (pat. pend.)

The next generation from the leader in hydroponics. Never before has peak performance been offered in such a reliable, easy-to-use system. **Technology:** Rockwool medium • Multi-ridge irrigation and aeration system. **Versatility:** Grow 20 full-size plants, hundreds of cuttings, or up to 600 starts! • Use full term or continuous harvest methods (alternatives illustrated) **\$199.95**

Options: Ebb and Flow package • Slab package

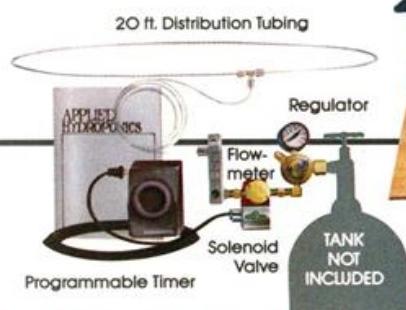
• Geelite package.

Expansion: Add on up to four more trays!

Nothing extra to buy or build.

Comes with: • 4 grow trays, covers & stands

- 25 gal. reservoir & cover
- Pump & irrigation system
- Rockwool starter & growing cubes
- Nutrients and complete instructions



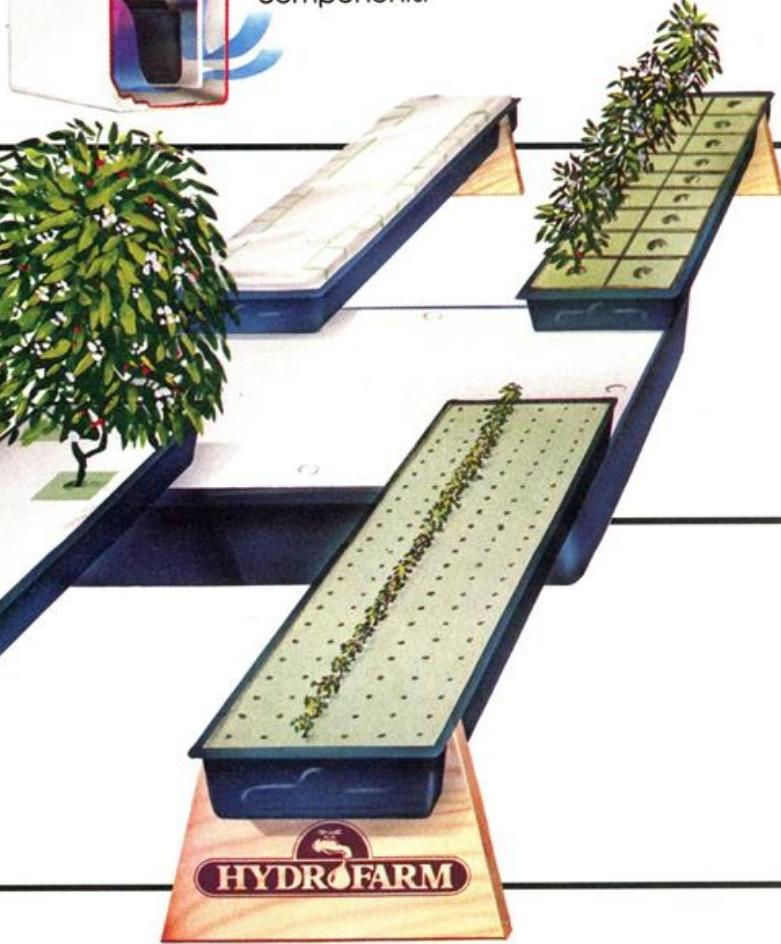
HYDROFARM CO₂ SYSTEM

- Fertilize the air
- Double growth and flowering
- Unique programmable timing

\$149.95

Only Applied Hydroponics offers:

- Full 5-year product guarantee (bulbs, one year)
- 30 day money-back guarantee
- Factories (with showrooms) on both coasts
- Fastest delivery nationwide
- New low shipping rates



Free catalog & phone orders
TOLL FREE 1-800-227-4567 EAST
1-800-634-9999 WEST

Visit our showrooms M-F 9-5, Sat 10-5

Applied Hydroponics, Inc.

East U.S.-Phila.: 208 Route 13 Bristol, PA 19007
West U.S.-S.F.: 3135 Kerner Blvd. San Rafael, CA 94901



COD



CA & PA residents add 6% sales tax. All prices plus shipping.

GIVE YOUR PLANTS A "DUTCH TREAT"!

The SGS Europonic System.
The most advanced concept
in growing technology,
designed and tested in Holland.



WE ARE DEDICATED TO THE INDOOR GARDENER. SGS IS YOUR CONNECTION
WITH STATE OF THE ART DUTCH GROWING TECHNOLOGY.

• 400 W AND 1000 W METAL HALIDE AND HIGH PRESSURE SODIUM LAMPS • VERTICAL AND HORIZONTAL REFLECTORS • SGS EUROPONIC ROCKWOOL SYSTEM • THE GASSER CO₂ SYSTEM • ALUMINUM CO₂ CYLINDERS • SOLAR SHUTTLE AND WHIRLIGIG LIGHT MOVERS • ZESTRON NEGATIVE ION GENERATORS • KLONE KITS • GRODAN ROCKWOOL CUBES, BLOCKS AND SLABS • A COMPLETE LINE OF HYDROPONIC SUPPLIES INCLUDING FERTILIZERS, PH ADJUSTMENT CHEMICALS, PH TEST KIT, MICRO AND MACRO NUTRIENT TEST KITS • RESERVOIR HEATERS • BAT GUANO • WORM CASTINGS • MAXICROP SEAWEED CONCENTRATE • SOILLESS GROWING MEDIUMS • WHITE PLASTIC AND REFLECTIVE MYLAR SHEETING • PURGE ODOR NEUTRALIZER • OSCILLATING AND EXHAUST FANS • TIMERS • AND MUCH, MUCH MORE.

CALL OR WRITE TODAY FOR A FREE COPY OF OUR NEWEST CATALOG. YOU WILL FIND OUR SERVICE PROMPT AND OUR PRICES LOW! WE OFFER THE BEST GUARANTEE IN THE BUSINESS. MORE THAN JUST A NAME, WE ARE SUPERIOR GROWERS.

SGS

SUPERIOR GROWERS SUPPLY, INC.

4870 DAWN AVE.
EAST LANSING, MI 48823

IN MICH. (517) 332-2663
C.O.D.'S WELCOME

TOLL FREE (800) 227-0027
MOST ORDERS FILLED IN 48 HOURS



METAL HALIDE COMPLETE GROWLIGHT SYSTEMS

1000 WATT SYSTEMS

DELUXE - 46" round or parabolic	
20" horizontal	.184.50
STANDARD - 18" White Enamel Reflector	167.50
ECONOMY - 2'x3' Polished	
Aluminum Reflector	.144.50
To upgrade to a 125,000 lumen-	
12,000 hour Superbulb	Add .15.00
Phosphorous coated bulbs	Add .6.00

400 WATT SYSTEMS

DELUXE - 14" White Enamel Reflector	.134.50
STANDARD - 14" White Enamel Reflector	124.50
ECONOMY - 2'x3' Polished	
Aluminum Reflector	.109.50
To upgrade to a 40,000 lumen-	
20,000 hour Superbulb	Add .10.00
Phosphorous coated bulbs	Add .6.00

MINI-MIGHT METAL HALIDE 175 WATT



HIGH PRESSURE SODIUM COMPLETE GROWLIGHT SYSTEMS

DELUXE 1000 Watt - 46" round or parabolic 20" horizontal	.269.50
DELUXE 400 Watt - 14" Reflector	.189.50
MINI-MIGHT 150 Watt (16,000 lumens)	.99.00

LOW PRESSURE SODIUM COMPLETE GROWLIGHT SYSTEMS

DELUXE 180 Watt Low Pressure Sodium Light	.195.00
---	---------

LIGHT MOVERS



6' Solar Shuttle	.99.00
6' Solar Shuttle Extender	.39.95
Solar Shuttle Motor	.22.00
Whirligig Light Turret	.119.00
Sun Circle Light Rotater 360°	
One revolution every 40 minutes.	
1 Arm	.139.00
2 Arm	.199.00
3 Arm	.256.00

TIMERS

Paragon 15 amp/120 volt	.14.95
Dayton 15 amp/120 volt	.19.95
Dayton 40 amp/120 volt	.37.95
Dayton 40 amp/240 volt	.39.95
Cycle Timer 1-60 min. on/off	.79.00

BULBS

METAL HALIDE BULBS

M175 - 15,000 lumens-20,000 hours	.29.00
M400 - 34,000 lumens-20,000 hours	.36.95
MS400 - 40,000 lumens-20,000 hours	.45.95
M1000 - 110,000 lumens-12,000 hours	.54.95
MS1000 - 125,000 lumens-12,000 hours	.69.95
Phosphorous Coated Bulbs	Add .6.00

HIGH PRESSURE SODIUM CONVERSION BULBS



Now available. An energy saving sodium bulb that runs off your existing Metal Halide ballast.	
175w - 15,000 lumens-24,000 hours	.59.00
400w - 50,000 lumens-24,000 hours	.69.00
1000w - 140,000 lumens-24,000 hours	.139.00

HIGH PRESSURE SODIUM BULBS

LU150 - 16,000 lumens-24,000 hours	.39.00
LU400 - 50,000 lumens-24,000 hours	.52.95
LU1000 - 140,000 lumens-24,000 hours	.94.95

PRODUCTS TO GROW BY.

Any order of \$500.00 or more gets you
5% off our already low prices.

VITA LITE

4-ft. power twist, 40 Watt	.13.95
Case of six	.75.00

REFLECTORS

(complete with socket and cord)

46" polished aluminum or white	.49.00
20" horizontal	.49.00
20" adjustable white	.40.00
18" white	.30.00
14" white	.25.00
48" Parabolic hood	.49.00
4'x4' square polished aluminum	.115.00
5'x5' square polished aluminum	.130.00

BALLASTS

Metal Halide Ballasts (110v or 220v available)	
Deluxe 1000w (includes power supply)	.115.00
Stan. 1000w	.105.00
Econ. 1000w (uncovered)	.97.00
Deluxe 400w (includes power supply)	.95.00
Stan. 400w	.85.00
Economy 400w (uncovered)	.70.00
Ballast cover	.10.00
High Pressure Sodium Ballasts (110v or 220v avail.)	
Deluxe 1000w	.170.50
Deluxe 400w	.125.50

HYDROPONIC SYSTEMS

4 unit hydrospot	.208.00
8 unit hydrospot	.295.00
Each additional hydrospot	.16.00

SUBMERSIBLE PUMPS

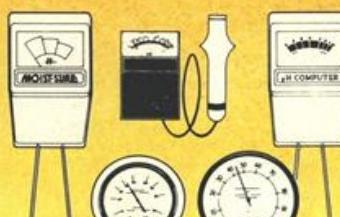
#2P495-120 GPH	.37.95
#IP553-140 GPH	.39.95
#IP321-300 GPH	.56.95

SURGE SURVIVAL SYSTEM

Command Module with one Remote Module (120 or 240 volts)	.139.00
Additional Remote Modules (120 or 240 volts)	ea. .45.00

METERS

PH Digital Meter	.75.00
Dissolved Solids Digital Meter	.75.00
Light Intensity Meter	.24.99
Plant Computer	.19.95
PH Computer	.19.95
Soil Salts Meter	.20.99
Moisture Meter	.11.95
MIN/MAX Thermometer	.32.95
Taylor 4" Barometer	.39.95
Fertilizer Analyzer	.20.99
Humidity Gauge	.21.95
Deluxe Humidity and Temperature Gauge	.36.95
CO ₂ Gas Detector System (2 analyzer tubes incl.)	.19.95
CO ₂ Analyzer Tubes	.3.75
CO ₂ Tester	.8.99



SOIL AND LIQUID TESTERS

Sudbury Soil Test Kit (Tests Ph, N, P, K)	.14.95
Sudbury Soil PH Tester	.3.99
Tetra Test Liquid PH Tester	.3.95
Wardley Jr. Liquid PH Tester	.3.95
Wardley Sr. PH Test Kit	.5.99
Penn Plax Test Strip for Liquid PH	.2.75

FANS AND BLOWERS

Ventilator fan with Thermostat (14"-900 CFM)	.69.95
Squirrel Cage-15 CFM	.21.95
Squirrel Cage-50 CFM	.29.95
Squirrel Cage-100 CFM	.43.95
Squirrel Cage-160 CFM	.54.95
Squirrel Cage-200 CFM	.69.95
Squirrel Cage-265 CFM	.69.95
Squirrel Cage-320 CFM	.74.95
Squirrel Cage-465 CFM	.79.95
Squirrel Cage-525 CFM	.89.95
Squirrel Cage-960 CFM	.159.95
Thermostat	.19.95
Auto Flo Humidistat	.34.95

Energy Savers Unlimited, Inc.

22138 S. Vermont Ave. #C
Torrance, CA 90502

Call Toll Free: Outside California (800) 421-2994



In California (800) 538-3400



Prices do not include shipping. One year parts and labor guarantee. 30 day money back guarantee C.O.D. welcome - No deposit required

© Energy Savers Unlimited, Inc.

CO₂ SYSTEMS

CO ₂ Regulator/Distributor	.139.00
E.S.U. CO ₂ Generator (up to 500 sq. ft.)	.324.00
Johnson CO ₂ Generator (up to 4800 sq. ft.)	.499.00

CHARCOAL FILTER SYSTEMS

Skunk Buster #100	.109.00
Skunk Buster #200	.169.00
Skunk Buster #400	.225.00

NEGATIVE ION GENERATORS

Airease	.49.95
Pulsair	.99.00



GROWING SUPPLIES

Mylar (Double-sided 99% reflectivity)	
4'x50' roll	.29.00
4'x100' roll	.49.00

Mini Grow House	.14.95
-----------------	--------

Rock Wool	
2"x2" Cubes	.20
3"x3" Cubes	.39
3"x4" Cubes	.49
40 lb. Bale	.39.00

Rock Wool Slabs	
3"x6"x3"	.4.99
3"x8"x3"	.6.99
3"x12"x3"	.10.99

Grow Bags	
2 Gallon Grow Bag	.39
5 Gallon Grow Bag	.59
7 Gallon Grow Bag	.65
10 Gallon Grow Bag	.69

Alka Liche	
1 quart	.6.95
1 gallon	.16.99

Safer Soap Insect Spray	
8 oz. spray	.2.99
8 oz. concentrate	.6.75

Roo

THE SECRET OF SUCCESSFUL INDOOR GROWING

the easy Hamilton way...

Grow bigger, healthier plants faster.

PROVEN RESULTS: Metal halide or high pressure sodium lights create the highest intensity, best quality sun's full spectrum - indoors. Fluorescent systems are weak, inefficient and do not give your plants enough light lumens for good growth.

SAVE!!

Highest quality products at lowest prices.

METAL HALIDE: Best for fast plant growth.

MH 1000 Watt Basic System (Reg. \$182) **\$139.95**
High quality, assembled, QUIET, open ballast; 20' lamp cord; power cord; socket; 110,000 lumen / 12,000 hr. bulb. (For SUPER BULB 125,000 lumen add \$14.00).

MH 1000 Watt Professional System (Reg. \$210) **\$165.95**
18" Dome (for HORIZONTAL reflector or 48" PARABOLIC add \$4.95). High quality, assembled, QUIET, ventilated ballast box; 20' lamp cord; 110,000 lumen / 12,000 hr. bulb. (For SUPER BULB 125,000 lumen add \$14.00).

MH 1000 Watt Deluxe System (Reg. \$238) **\$179.95**
Choice of: HORIZONTAL reflector, 48" PARABOLIC, 46", 22" adjustable Dome. High quality, assembled, QUIET, ventilated ballast box with GROUNDED 6-OUTLET, ON-OFF CONTROL, 15 AMP, PROTECTIVE CIRCUIT BREAKER; 20' lamp cord; 110,000 lumen / 12,000 hr. bulb. (For SUPER BULB 125,000 lumen add \$14.00).

MH 400 Watt Deluxe System For small area up to 4'x4'. (Reg. \$151) **\$124.50**
18" Dome (for HORIZONTAL reflector or 48" PARABOLIC add \$9.95). High quality, assembled, QUIET, ventilated ballast box; 20' lamp cord; 34,000 lumen / 20,000 hr. bulb. (For SUPER BULB 40,000 lumen add \$10.00).

COMBINATION MH/HPS HORIZONTAL SYSTEM **\$299.00**
The ultimate grow light / 90,000 lumens of perfectly blended light. 24"x20"x10"
Horizontal, ventilated, super-reflective, electro white aluminum reflector, with 2 bulbs
a MH 400 & HPS 400; quiet, remote, ventilated ballasts.

HIGH PRESSURE SODIUM: Increases budding & flowering

HPS 1000 Watt Deluxe System (Reg. \$317) **\$255.95**
Choice of: HORIZONTAL reflector, 48" PARABOLIC, 46", or 22" adjustable Dome.
High quality, assembled, QUIET, ventilated ballast box; 20' lamp cord; 5KV socket;
140,000 lumen / 24,000 hrs. bulb.

HPS 400 Watt Deluxe System (Reg. \$215) **\$184.95**
18" Dome (for HORIZONTAL reflector or 48" PARABOLIC add \$4.95). High quality,
assembled, QUIET, ventilated ballast box; 20' lamp cord; 50,000 lumen / 24,000 hr. bulb.

MINI-HORIZONTAL MH175w or HPS150w, electrowhite, 120V\$95.00

Grounded Light Timer, heavy duty, 15 AMP (Reg. \$20) **\$14.50**

LIGHT MOVERS: More light coverage to grow more plants.

Motorized Lite Track™ Double your light coverage **\$93.95**
Best single light mover; 6' track; covers up to 8'x10' (EXTENDER for 2nd light \$38.95).

Sun Circle™ - Increases flowering by a blend of MH&HPS **\$187.95**
Two lights rotate continuously in full circle; greatest coverage, up to 12'x12'.

Whirligig™ - Eliminates hot and dark spots **\$114.95**
Two lights move back & forth in a circular pattern. Adjustable from 8'x8' up to 15'x15'.

HYDROPONICS: Our customers say their plant yields are three times greater and two times faster with Hamilton's automated "flood/drain" HYDROPRO system. Roots are provided maximum direct nutrition and aeration without soil.

HYDROPRO SINGLE™: Ideal up to 4 plants; 2' x 2' area **\$59.95**
Includes: pump, grow & bloom nutrients, timer, pH test kit, Jiffy 7, manual, etc.

HYDROPRO 4™: Grow up to 16 plants; 3' x 9' or 8' x 8' area **\$187.95**
Includes submersible pump, grow & bloom nutrients, timer, manual and more.

HPS BULBS - That work in metal halide systems!
NEW 1000 watt (Reg. \$140) **\$129.50** 400 watt (Reg. \$70) **\$59.50**

CO₂ Enrichment System: increases growth by 40% **\$137.95**
Includes: Regulator, flow meter, solenoid valve, delivery tubes.

INDOOR GARDENING BOOKLET
with any system purchased

ION GENERATORS: Clean growing area of smoke, odor, pollen & pollutants.
AirEase Ion \$49.50 Pulsair: generates 300% more ions \$96.50

DIGITAL pH PEN: Instant accurate readings (Reg. \$97) **\$69.95**

DIGITAL Dissolved Solids (Conductivity) PEN: (Reg. \$97) **\$69.95**

ROCKWOOL, REPLACEMENT BULBS, MYLAR,
BLOWERS, TIMERS, GROWING SUPPLIES, etc Call for Price

FREE CATALOG



Why Hamilton's Customers are Satisfied?

- Highest quality products at lowest prices.
- Large inventory with shipment in 24 hours.
- Reliable service and 2 yr. guarantee (bulbs 1 yr.).
- 30 day money back guarantee.
- Fast C.O.D. delivery by U.P.S. - anywhere.

**ORDER TOLL FREE:
(800) 458-7474**

in LOS ANGELES buy direct from our warehouse;
HAMILTON TECHNOLOGY CORP.
14902 S. Figueroa Street, Gardena, CA 90248

OFFICIAL ENTRY FORM

HIGH TIMES CANNABIS ART CONTEST

Name _____

Address _____

Phone # (w) _____ (h) _____

Name of seed strain _____

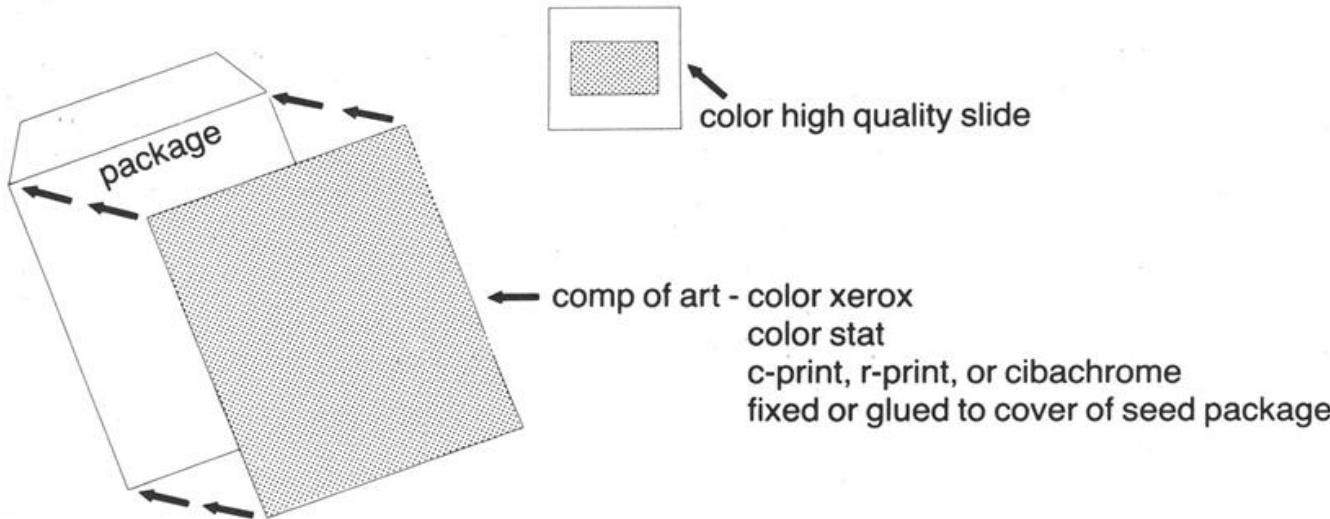
Date of harvest _____

Check one indoor outdoor

Latitude grown at (outdoor only) _____

RULES:

Art can be photographed, painted, or drawn in the 4-color medium of your choice. Art should be reduced down to size and fixed onto the cover of the package—this is called a comp. Along with the comp send a high quality 35mm slide of the art that we can use for reproduction purposes. Do not send original art.



Information to include in package design

- 1). Name of seed strain—can be existing strain from the Seed Bank or SSSC catalog, or an existing strain of your own or your favorite breeder's.
- 2). Date of harvest.
- 3). Latitude and special needs, if any, of the seed strain.

1st place—Free trip to Amsterdam for the 1989 Harvest Festival

2nd place—**HIGH TIMES** T-shirt and 1 year subscription

3rd place—**HIGH TIMES** T-shirt

NOTE: All materials must be mailed along with this entry form no later than Oct. 1, 1988. Do not send original art—send a comp! **HIGH TIMES** takes no responsibility for returning any artwork.

Good Luck!

flick ford

Flick Ford
Art Director

SEND TO: HIGH TIMES CANNABIS ART CONTEST

ROOM 2001
211 E. 43rd St. N.Y., N.Y. 10017

- By submitting your photograph(s), you hereby grant permission to publisher to reprint the photograph(s) in HIGH TIMES magazine as well as any other Trans-High Corporation publications.

Signature _____



POT IS LEGAL???

After the rest of the Lexington Police Department and I read your April issue saying that pot was legal, we all rolled some "j's," filled our pipes and bongs, and arrested some old ladies for jay walking. Keep up the good work.

—Lexington Police Officer
Lexington, Massachusetts

I was in Cody's Bookstore in Berkeley marvelling at all the HIGH TIMES' prominently displayed on the magazine rack when this young hippy came rushing in with some of his pals. "See! I told you. They legalized pot. It says so right on the cover, man." He proceeded to turn to page 32 and read the article out loud until I pointed out the April Fool's date on the cover. Refusing to back down and digging himself in deeper by the minute, he countered with: "No way man, I read about this in several other magazines, man." As I left he was still trying to explain the situation to his sniggering pals. It reminded me of the time when I was in high school and this asshole took some green sawdust, packed it up like a brick of pot, and secretly tape recorded us as we marveled at the high quality and rich aroma of this good shit. Believe me, none of us felt like cool hep cats when he played that tape back about 40 times.

—Ace Backwords
Berkeley, California

In regard to your April Fool issue: the article "Pot is Legal" has kept us bewildered and confused. Is it for real or just April Fool BS?

—F.L.
Liverpool, New York

In your April issue you said pot was legal. Was it just a joke or what? I keep reading the article over and over and I still can't believe it. Does this mean I can smoke a number anytime I want and I

LETTERS

Send your gripes, questions, personal thoughts, and occasional compliments to: HIGH TIMES "Letters," 211 East 43rd Street, NYC 10017. Unless otherwise indicated, proper names are printed with initials only to protect the innocent, so sign your favorite pseudonym.

won't get busted? I live in Oklahoma and if they catch you with one number, they hang your ass. I have been smoking for almost 20 years now and I still can't believe the government legalized weed. I know it NEEDS to be. I'd rather smoke than drink. It always helps me relax after a hard day's work and takes away the aches and pains.

—A.R.W. (a devoted friend)
Hulbert, Oklahoma

You tricky bastards. I believed cannabis was legal and almost called the cops to find out if it was true. But instead I called a friend first and found out it was a hoax.

—G.B.
Traverse City, Michigan

In regards to the April issue about marijuana being legalized: I am a regular reader of your publication and I rely on accurate information. I have no way of knowing if this legalization bullshit is true. I was overwhelmed to discover it was legal. I asked a local police officer and he said "no way shape or form" was it true. I was going to wait to see if marijuana beer was going to arrive on store shelves this summer but since we're a little slow up here in the boondocks, I wanted to write rather than wait. So, is it true?

—Mr. R.
Claremont, New Hampshire

WHO'S AN AIRHEAD?

I'd like to comment on the two letters by cops that were printed in the April Fool issue. First, who else but a cop would come up with such immature insults as "air-headed wasteoids?" If we're so "out of it" how come we sit in our home, grow pot and make \$150,000 a year, while you "well-educated, informed" police officers have to take orders, work when and where you are told, and perform your duty as a public servant for only about \$30,000 a year. Who's an airhead?

—Al and Ed (American Farmers)
Bloomington, Illinois

I'd like to address the law enforcement officers whose letters were published in the April issue. He called himself "a

fuckin' pig." Well, I've raised pigs and I would not even classify my pigs as low on the evolutionary scale as he obviously is. If you spent as much effort trying to figure out ways to combat serious, violent crime instead of hassling people, Muncie would be a much safer town. Your team would be better off in Russia, where people get hassled just for "thinking."

—The Cossack
Pittsburgh, Pennsylvania

In response to the letter by the Joint Suppression Team: Don't flatter yourself about us being paranoid. We aren't. You've seen "Reefer Madness" too many times. I smoke at home, in my car, in front of the police station, on Main Street, and anywhere I fuckin' please. You guys don't scare anybody. Except your wife.

—Wad Weed
Elkhart, Indiana

Ten years ago some "freedom loving" cops came into my home with a search warrant from a rubber stamp judge. They ripped off a bunch of stuff that wasn't evidence and which never appeared on any inventory list. It was the first time in my life I was robbed, and it was the cops that did it. Then they fabricated evidence and perjured themselves on the witness stand. I should thank them, however, for driving up the cost of smoke by risking their lives enforcing laws that will eventually be changed. I'm rich and retired now. Thanks, schmucks! And thanks to HIGH TIMES, the last vestige of true freedom in America.

—Captain Ganja
Pasadena, California

Now that we've heard from the law enforcement officials against legalization, how about getting some opinions from public servants in favor of legalizing pot? I'm sure there must be some cops out there who are tired of hauling people away just for a few roaches in the ashtray. Maybe a judge or two is tired of petty marijuana cases tying up court time?

—Dan Duncan
Kingston, Michigan

TURNED—ON REVEREND

As a veteran marijuana smoker, I enjoy the lighthearted fun of HIGH TIMES. The articles are one-sided, and I mean that as a compliment. You guys are willing to take a stand. Your grow tips are informative, and as an artist, I find High Art of great interest and pleasure. However, I believe the greatest education I receive from the magazine is on a spiritual level. I'm an ordained minister whose methods are open to altered states. When not abused, psychedelics can be powerful tools. I find your biographies of Aldous Huxley and R. Gordon Wasson of immense value. You guys have class!

—The Rev.
Bryan, Texas

THE ACID RIGHT

I am tired of your indiscriminate attacks on conservatives. *National Review*, the biggest conservative magazine in America, wants to legalize all drugs. I voted for Ron (look at the alternative), and don't mind when you trash him or his wife, but why you want to alienate ALL conservatives I'll never know.

—The Acid Right
Thief River Falls, Minnesota

TWO STONER CHICKS

We would like to thank you (overall) for a GREAT magazine. However, we feel you should know that we found the "Cycle Sluts From Hell" quite unamusing to say the least. How about giving heavy metal some space? We're not the only readers who agree! Oh yeah...one last bitch. Get rid of those stimulants. God is great/ Man is not. Man made whiskey/ God made pot. Pot is natural/ Grows on ground. If God didn't want it/ It wouldn't be around. So all you rednecks/ Who don't get high. Fire up a joint/ Give weed a try. Disco sucks/ So does Soul. But what kicks ass/ Is ROCK-N-ROLL.

—Cie & Chez (Two stoner bitches)
Tulsa, Oklahoma

We have two problems with your letter. First, soul doesn't suck. Second, the Cycle Sluts from Hell ARE an honest-to-goodness heavy metal band and they KICK ASS! So reread the article. Maybe the joke's on you!

HASH SMASH!

I would like to thank HIGH TIMES for making this year's annual Hash Bash (in the Diag at the University of Michigan) in Ann Arbor the huge success it was. In the past few years, the Bash had turned into a gathering of only die-hard activists, usually only numbering two or three dozen (at most). Thanks to the involvement of HIGH TIMES' Ed Rosenthal, Bram, and Chef Ra, and NORML's Jon Gettman, the Hash Bash attracted close to 1,000. (The news only reported 400 attendees, but all other estimates put the peak crowd at around 1,000.) Ed and Bram also conducted a very informative seminar at a classroom at the U. of M., which was very well-attended. I hope you continue to be as politically active as you have been and keep takin' it to the streets! Free Richard Birkett!!

—Santo Gold
Ann Arbor, Michigan

Our attendance at the Hash Bash was initiated by a letter that ran in the THMQ letters column, (see page 38), so we'd like to express our thanks to the authors: The Stoned Boys of Apartment 13. Our coverage of the Bash starts on page 38. As far as activism goes, keep those party invites coming, gang! Let's throw a lot of bashes just before the big annual Harvest Festival in Madison, Wisconsin! Last year they had 10,000 protesters. If you want to know how to throw one, contact NORML at 2001 S Street NW, Suite 640, Washington DC 20009, (202) 483-5500. How about a pot protest in Chef Ra and Steve Hager's home turf of Urbana-Champaign, Illinois? Send us your advance publicity, and HIGH TIMES will attend!! That's right, you can personally shake the hand of Ed Rosenthal, the Guru of Ganja, talk systems with Dr. Indoors, go fishin' with Chef Ra and spill beer on The General.

KEEP HOWLING, HOUND

I think the readers should ease up on Marshall. Although he's ragged groups I like (Zep, Beatles), he's right on. If everybody was this tough, we wouldn't be going bat-guano trying to locate a station playing something other than solo Jagger, G. Michael, or other such tripe.

—J.J.
Kent, Ohio

NO ETHICS

Are you aware of the role that drugs play in destroying the lives of people in our society? I have unfortunately run across your magazine enough times to understand what it is you are promoting. I wonder how you sleep at night. Your car may be expensive, your home luxurious, but your conscience must keep you awake at night. A man with no ethics is no man at all.

—Greg Marshall
San Jose, California

HIGH TIMES has never promoted the indiscriminate use of drugs. The major drug problems in America are alcohol and tobacco related. The position of this magazine is that cannabis should be legalized. Cannabis is a much less toxic drug than either alcohol or tobacco. Contrary to your pious sentiments, HIGH TIMES has always worked for ethical goals supported by the counterculture. Foremost among these is the preservation of our rapidly deteriorating environment. The billions of dollars our government spends on pointless drug programs could be better spent protecting us from toxic waste, ozone depletion, and acid rain. No one on the editorial staff even owns a car or a house.

GET A GRIP!

To the Incredible 1969 Club (April '88 "Letters"): This is 1988! We have many things to accomplish in the future, so stop living in the past! Join NORML and continue the fight for legalization. Register to vote. If we don't get involved today, there may be no tomorrow. Power to the people!

—The Rastaman
Amherst, Massachusetts

MORE FROM THE ACID RIGHT

You have portrayed conservatives as conforming, sexually repressed, nostalgic, racist, greedy, dishonest, and paranoid. I am a few of these things, yes, but I am also in favor of the legalization of marijuana. I am also strongly opposed to drug testing, and fervently in favor of free speech. I like Ronald Reagan for the most part, except for his convenient memory, ugly wife, and war on drugs.

—DDT
La Vale, Maryland

continued on page 59

PIONEERS IN THE MODERN ERA OF RESEARCH ON THE MINERAL NUTRITION OF PLANTS...ONE OF THEM WILL CHANGE YOUR LIFE



LUTHER BURBANK lived from 1849 to 1926, and not before or since has there been a greater contributor to plant development. Every domesticated fruit or vegetable or flower has been produced by Mr. Burbank directly or by his methodology.

Mr. Burbank's methodology was extremely simple: (1) First he would GATHER the most extensive seed stock of a particular species from all over the world. (2) Then he would PLANT all of the seeds closely together. From the resulting ten thousand plants, he would (3) SELECT one or two that had the most pronounced characteristic of size or shape or scent or color or whatever he was looking for. (4) From those one or two plants, all of the seeds were PLANTED and from the resulting ten thousand plants, only one or two would be (5) SELECTED that further developed more of the desired characteristic. This process of planting and selection would be repeated as often as necessary from a few generations to hundreds of generations until Mr. Burbank would release the final seed stock to the rest of the world.

Mr. Burbank grafted one hundred different types of apple branches onto a single apple tree and each branch bore a completely different fruit the first year for his personal selection. Inventing this grafting technique, he squeezed thousands of years of research into a few. The results of his work, from potatoes to apples to EVERY domesticated fruit, vegetable or flower, are what we grow today.

The Burbank Potatoe Quadrupled World Production in One Year. Luther Burbank never needed a lot of space. In his lifetime he conducted over one hundred thousand series of experiments and changed the world on less than three acres of land.



DENNIS ROBERT HOAGLAND, 1888-1949, was the inventor of the "four salt Hoagland solution" from which all HYDROPONICS are based. Although a brilliant botanist, Dr. Hoagland was interested in only one thing, the BIO-MASS (size and weight) of the TOMATO produced hydroponically. Working under the scientific assumptions of the early 1900s, Dr. Hoagland's world assumed four things:

A. Plants had a life cycle leading to death. WE NOW KNOW plants have a very different way of achieving a life and death cycle than does the human being. Humans are more genetically structured toward their life and death cycle than plants. Plants allow environmental factors more control over their life and death cycle as well as with their sex. Such things as (1) "PHOTO-PERIOD" (length of time under light and dark), (2) "THERMO-PERIOD" (length of time under temperature variation), and most importantly (3) "NUTRIENT PERIOD" (length of time under a given nutrient configuration) were studied.)

B. Maximum SIZE and WEIGHT before death of (a) root, (b) shoot, (c) fruit — known as the "root to shoot to fruit ratio" — was the absolute goal. WE NOW KNOW much more about the root to shoot to fruit ratio. While keeping the fruit exactly the same size as normal, both the root (below the soil) and the shoot (above the soil) can be minimized. And by reducing the inter-nodal lengths (distance between the budding sites from an average of 6 inches to less than 1 inch), the number of normal sized fruit can increase up to thousands per plant depending on the plant type.

C. Plant "lush feeding" of excess nutrients meant nothing. WE NOW KNOW plant "lush feeding" kills the plant. The basis of the hydroponic method is that a fresh nutrient supply be pumped in while the used nutrient supply drains out. This allows the plant to absorb, for example, excess amounts of calcium. If allowed, the plant will absorb 10 times what it requires of calcium to the exclusion of other more beneficial nutrients like N, P, K, Mg, Na, Cl, etc. Too much calcium and the plant gets GARDENING OF THE ARTERIES and dies after one seasonal growth period.

D. An aqueous (water) based system without a "buffer" (soil having a cation exchange capacity, C.E.C.) was best. WE NOW KNOW an aqueous (water based nutrient solution surrounding the root system without a "buffer" to protect the roots creates a "water root" — a thick, fleshy root that has layered itself with "fat" to protect itself. Nowhere near the amount of root surface area is produced hydroponically (water based) as when the roots are buffered against excess concentrations by a soil medium.

WE NOW KNOW that the soil mediums used by Dr. Hoagland, such as perlite, vermiculite, and sand have no buffering action or "CATION EXCHANGE CAPACITY" (C.E.C.). The CATION EXCHANGE CAPACITY of a soil medium is the ability of that medium to ABSORB AND RELEASE a nutrient solution. The cation exchange capacity of the soil medium protects the root system and allows it to produce thousands more root structures, thus producing thousands more square inches of root surface area. The greater the root surface area, the more efficient the nutrient uptake for faster growth.

The early 1900s did not have the advanced technology or today. Equipment for testing nutrient solutions and plant tissue such as the gas-liquid chromatographic assay (GLC), thin-layer chromatographic assay (TLC) and sophisticated atomic absorption equipment were not available.

With the aid of the computer since 1951, the medical profession by comparison has advanced in the last 30 years more than in the preceding 2,000 years. If Dennis Robert Hoagland had access to 1986 technology in 1920, he probably would have re-designed the hydroponic system.



JEFFERY JULIAN DEMARCO, 1951-_____, is President and founder of PYRAPONIC INDUSTRIES and is the inventor of the methodology known as GROWING PLANTS PYRAPONIMETRICALLY and the PHOTOTRON.

Three things are required to grow plants pyraponimetrically: 1. A laboratory grade growth chamber known as the PHOTOTRON. 2. A specific METHODOLOGY for plant growth and manipulation (instructions). 3. A very specific NUTRIENT SUPPLY COMPUTER DESIGNED IN PARTS PER MILLION (PPM) for each individual PHOTOTRON. The exact nutrient calibrations are individually calibrated based upon two soil samples taken from the phototron: one after FORTY-FIVE DAYS of plant growth and one after 90 DAYS of plant growth — ONLY TWO ARE REQUIRED.

Mr. DeMarco's Masters thesis was on the cannabinoid profile of marijuana. After working under both federal and state license in a laboratory at a major university for over two years, and since 1976 has developed the phototron, the methodology and the chemistry to study the internal workings of the plant (not just the SIZE and WEIGHT, but utmostly important to study the MOLECULAR and PHARMACOLOGIC properties of the plant). The research developed in pursuit of Mr. DeMarco's research PERTAINS TO ANY PLANT.

Pharmacognosy is the study of molecules produced inside plants. This type of study requires very sophisticated equipment like the Gas-Liquid Chromatogram (GLC), Thin-Layer Chromatogram (TLC) and Atomic Absorption.

THC-delta 9, the psychoactive molecule produced by the marijuana plant, is so microscopic that 100,000 molecules fit end to end would sit on the head of a pin. When you're concerned about growing structures so infinitely tiny, what difference does the size of the plant make?

In the disciplines of Botany, Horticulture, Plant Physiology, Soil Chemistry and Floraculture, a "root to shoot to fruit" ratio requires a large root and a large shoot to grow large fruit.

Growing plants Pyraponimetrically (by exactly measuring all 21 environmental elements), requires the plant to produce minimal root, minimal shoot (inter-nodal lengths) and maximize the number of budding sites and size of the bud, flower or fruit.

To develop the (A) PHOTOTRON, (B) the CHEMISTRY and (C) the plant manipulation methodology known as GROWING PLANTS PYRAPONIMETRICALLY, the marijuana plant was used because of its unique properties.

The PHOTOTRON was designed to: (1) GROW 6 PLANTS THREE FEET TALL IN 45 DAYS; (2) Duplicate exactly the quality of the plant material the seed came from; (3) RE-FLOWER AND RE-BUD PLANT MATERIAL EVERY 45 DAYS UP TO 9 TIMES PER YEAR; (4) NEVER KILLING THE PLANTS, YEAR AFTER YEAR; (5) BE REMOVED FROM EVERY DAY. (The system is designed for plant removal, not containment); and (6) To produce 6-8 ounces of plant material every 45 days.

Growing Plants Pyraponimetrically will revolutionize indoor plant production as we know it today. At PYRAPONIC LABORATORIES, over 75 PHOTOTRONS are used for new experiments. To date, PYRAPONIC LABORATORIES have successfully catalogued 17 varieties of flowering plants, 14 varieties of fruits and vegetables, 8 varieties of tobacco and will force flower roses 365 days per year.

PHOTOTRON

IF YOU ROLL YOUR OWN, GROW YOUR OWN WITH STATE OF THE ART HORTICULTURAL TECHNOLOGY

My name is Jeffery DeMarco, president and founder of Pyraponic Industries. My master's thesis concerned the cannabinoid profile of marijuana. The knowledge gained through this research and experimentation can now be applied to the growing of any herbaceous plant from mint and basil, to roses, orchids and tobacco.

In pursuit of my own master's thesis, I generated the most extensive, popular literature library in the world. Then, I generated the most extensive, scientific bibliography in the world. Then, I went into the laboratory at a major university, under federal license, and developed the most sophisticated laboratory grade growing chamber in the world called the PHOTOTRON, and the methodology "Growing Plants Pyraponimetrically".

The Phototron is not presented to the public as paraphernalia intended for the unlawful production of marijuana. The system was designed to grow any plant. The private cultivation of marijuana has been illegal under numerous state and federal laws since 1936. Marijuana can only be grown legally with a federal license. Pyraponic Industries will never knowingly sell products to anyone expressing the intent to produce illicit substances.

If you read all the popular literature, I did. All of the scientific literature, I did. And look at every apparatus for growing plants you will find one common denominator. Every system, before the Phototron, has attempted to re-create a tropical climate in a confined area, such as Hawaii. I suggest that when you finally achieve the re-creation of Hawaii, you can do NO BETTER than Hawaii's results. AND WHAT ARE HAWAII'S RESULTS?

In fact you will grow the plant six (6) to nine (9) months with an average six (6) inch internodal length. (the distance between fruiting sites). That will produce a fruiting ratio at the tops of the plant equal to only ten percent (10%). Ninety percent (90%) of the plant material is unusable for fruit production and the plants are killed off after harvest in preparation for planting the next crop.

Look, the only thing I am waiting nine (9) months for is a baby. Number two, I don't want a tree growing in my home. Number three, I am not going to pay the electric bill to artificially reproduce the sun. That is why I made my system so revolutionary. The Phototron measures only 34 inches tall by 18 inches wide. Its potential is deceptively masked by the simplicity of functional design and compact size. Please, judge my system on its proven performance - not its size. Bigger is not always better - in fact the exact opposite is true.

The Phototron II will draw \$4.00 per month in electricity (average). My system is totally different. Beginning on DAY 20 after seed germination an average of six (6) to eight (8) ounces of plant material, such as tobacco can be harvested every forty-five days.

In fact you will grow 6 plants, 3 feet tall in 45 days, guaranteed. You will maintain a one-inch internodal length, guaranteed. That each plant will produce 1,000 budding sites, FROM TOP TO BOTTOM, guaranteed. And there will be 6 plants per Phototron II, guaranteed.

And this is the only system in the world where you can re-flower and re-bud the exact same plants every 45 days up to nine times per year without killing them off, EVER. Then, you may re-flower and re-bud the exact same plants every 45 days up to nine times per year, while you remove from the system every single solitary day. Every Day.

Please, do not allow the technical sounding nature of the Phototron scare you away. I personally service back and guarantee each unit sold. The instructions are clear and simple, the system comes to you complete. All you must do is select your seeds, plug in the system and water it routinely. Then, if you have any questions, you may call me directly, ask your question, and get your answer.

You can not fail with my Phototron. I do not allow any of my Phototrons to fall below showcase. I personally have guaranteed every Phototron ever sold and I have never had one returned, ever, and I'm not starting now.

Call me at 1-312-544-BUDS.

If you do not learn more about plant production than you have every learned before, I will pay you for the call.

Jeffery Julian DeMarco

THE PHOTOTRON										
Halide Systems	None	12	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
LIGHT	50%	1	No	No	No	No	No	No	No	No
NUTRIENTS	LEAF SELF SHADING LINEAR FEET OF LIGHT SPECTRUM ADJUSTABILITY COMPUTER DESIGNED FOR EACH SYSTEM GUARANTEED FEMALE SEX NEVER KILLS THE PLANTS ONE INCH INTERNODAL LENGTHS - 1,000 BUDDING SITES PER PLANT RE-FLOWER AND RE-BUD SAME PLANTS EVERY 45 DAYS UP TO 9 TIMES PER YEAR TOTALLY SELF-SUFFICIENT TO LEAF SATURATION SERVICE HOT LINE FOR QUESTIONS									
CO ₂ SERVICE										

If you do not learn more about plant production than you have ever learned before, we will pay you for the call.
Learned more, we will pay you for the call.
CAN YOU AFFORD NOT TO CALL US? WE CAN!
\$3.00 money order for our brochure, "THE GARDEN-GROWING PLANTS PYRAPONIMETRICALLY" to:
PYRAPONIC INDUSTRIES, INC., P.O. BOX 1071, MELROSE PARK, IL 60160

1-312-544-B-U-D-S

AS ADVERTISED NATIONALLY SINCE 1979 WITH OVER 50,000 SOLD WORLDWIDE

USDA TOBACCO
OVER TWO YEARS OLD

VOID WHERE PROHIBITED

GROWTH PATTERN OF CUCUMBERS GROWN PYRAPONIMETRICALLY



Typical testing pattern by Pyraponic Laboratories depicting the morphological differences of cucumbers grown under identical conditions except one nutrient level.



Plants nearing top of Phototron in less than 30 days.



Plants filling the Phototron in less than 45 days.



Tremendous flowering and fruiting less than an inch apart.



Normal fruit with a reduced root-to-shoot ratio.

PYRAPONIC LABORATORIES MAINTAINS: (1) The most extensive scientific literature collection in the world on PHOTOTRON accelerated plant growth. (2) A comprehensive library of Data Packages and Soil Analysis selected from over 25,000 PHOTOTRONS sold worldwide. (3) On premises, numerous PHOTOTRONS with the capacity of 3 shelves each so that up to 350 concurrent experiments may be ongoing at any one time. Jeffery Julian DeMarco, President and Founder of PYRAPONIC INDUSTRIES and PYRAPONIC LABORATORIES, maintains his PHOTOTRONS for the purpose of killing plants. It is only after experimenting with the parameters of death at PYRAPONIC LABORATORIES that the PHOTOTRON can perform so miraculously around the world. Mr. DeMarco has full-time laboratory technicians on staff and an extensive technical consulting network from Universities around the world. PYRAPONIC LABORATORIES maintains a sophisticated on-premises computerized network system for data analysis and retrieval. Thousands of experiments have been conducted and thousands more will be ongoing to expand ever further the performance of each PHOTOTRON. As PYRAPONIC LABORATORIES introduces new methods or nutrient formulations, each PHOTOTRON owner is contacted so that every PHOTOTRON is upgraded long after it has been purchased. The PHOTOTRON improves more and more the longer you own it.

GROWTH PATTERN OF TOMATOES GROWN PYRAPONIMETRICALLY



Young tomato plants in vegetative stage.



Young tomato plants beginning to flower and fruit.



Fruiting less than an inch apart.



Normal fruit development with a reduced root-to-shoot ratio.



140 tomatoes harvested from 4 Phototrons in 150 days from seed germination.

SNAPDRAGONS GROWN PYRAPONIMETRICALLY



Day 46: Phototron jammed with flowering snapdragons



Day 58: Flower with reduced root-to-shoot ratio.

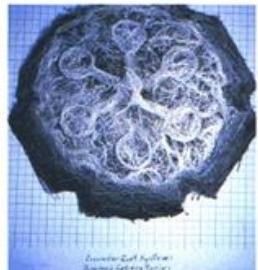
GROWTH PATTERNS OF ROOT SYSTEMS



Complete root system on the stem structures of flowering marigolds.



Root of Marigold Root Structure Day 18 - 480 (45) feed Pyraponic Laboratories 11/11/86



Mycorrhizal inoculated root system in base of unit on day 45.

HERBS, VEGETABLES AND FLOWERS GROWN PYRAPONIMETRICALLY



Day 65: Herb garden of Parsley, Sage, Basil, Thyme and Chive.



The hottest jalapa pepper grown anywhere in the world.



Corn development under high light intensity of Phototron.



Normal salvia still flower after more than 1 year old.



Normal marigold size produced with reduced root-to-shoot ratio.

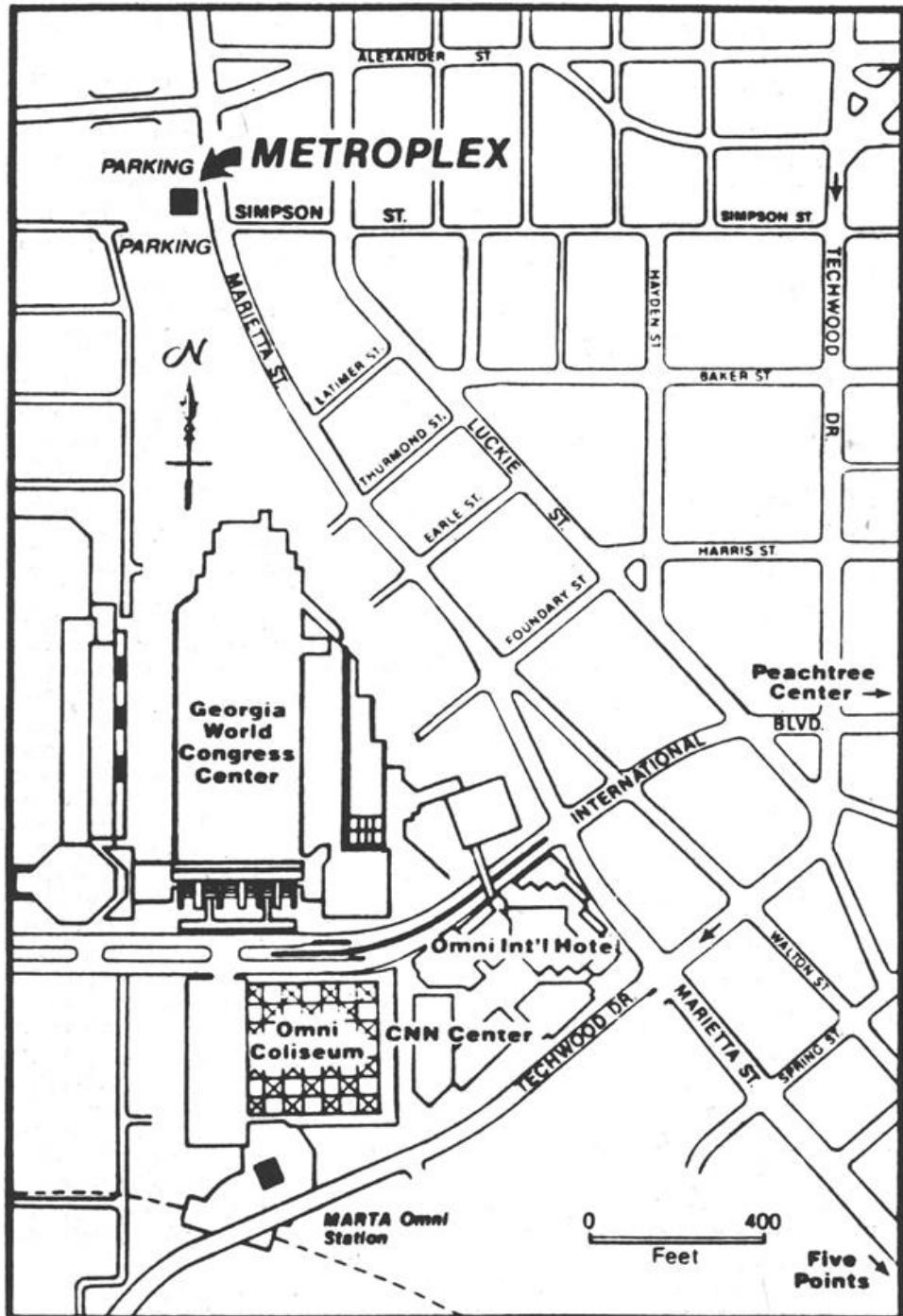
JULY '88

No. 155



HIGHWITNESS NEWS

ALTERNATIVE '88



The downtown Atlanta scene for this month's Democratic Presidential Convention.

ACTIVISTS PLAN "A NEUTRAL FORUM FOR ALTERNATIVE IDEAS" OUTSIDE DEMOCRATIC CONVENTION

by Lou Stathis

Atlanta organizers Paul Cornwell and Lisa Bishop have announced plans for what they call the **Alternative '88** Convention, an event scheduled to run from July 16th to the 21st—concurrent with and (hopefully) adjacent to the Democratic Convention slated to take over this Georgia city at that time. Billed as "a neutral forum of alternative ideas and solutions for mainstream problems," **Alternative '88** proposes to provide access to the media (and through them to the electorate) for at least 40 free-thinking groups from all the fringe areas of the political spectrum.

"**Alternative '88** is not a voice but a stage for the voice," say the organizers. "No group will be excluded from the assembly provided they agree with our purpose and maintain a peaceful, non-confrontational attitude with all delegates of the Alternative Convention. Our purpose and goals can only be hampered by the introduction of violence either within our convention, or outside on the streets of Atlanta. **Alternative '88** is the platform from which many groups will be able to spotlight their individual goals and ideas in as viable an atmosphere as possible. The task is not an easy one."

Indeed it isn't. As of late May, the Convention organizers were still being denied access to the Atlanta park and street areas of their choice. In order to win their First Amendment right to free assembly, they were planning at that time to bring the city government to federal court, with the legal assistance of the American Civil Liberties Union.

continued on page 22



HIGH TIMES

PUBLISHER
ROBERT ARONSON

EDITOR-IN-CHIEF
STEVEN HAGER

EXECUTIVE EDITOR
JOHN HOLMSTROM

ART DIRECTOR

FILK FORD

CONTROLLER

SHEILA AVON

CIRCULATION MANAGER
RAYMOND L. BLACKSTOCK

ADVERTISING MANAGER

SHERI KAPLAN

ADVERTISING REPRESENTATIVE

SHERRY LUTZ

EDITORIAL ASSISTANT

ERIC DANVILLE

ADMINISTRATIVE ASSISTANT

deefrance

CONTRIBUTING WRITERS

ED ROSENTHAL, CULTIVATION

LOU STATHIS, NEWS

BRAM, INDOOR GROW

ROBERT CONNELL CLARKE, THE GENERAL,
PETER GORMAN, RA JAMES, ESPY LACOPA,
DEAN LATIMER, AID MacSPADE, JAMES MARSHALL,
CARLO MCGORMICK, JIM POLING,
KYLE ROQ, MICHAEL WELDON

CONTRIBUTING ARTISTS AND PHOTOGRAPHERS

BRIAN SPAETH, DESIGN

ELIN WILDER, PHOTOS

ACE BACKWORDS, JOHN EDER, ANDRE GROSSMANN,
ERIC DROOKER, MILTON KNIGHT,
LENNIE MACE, JAMES ROMBERGER, JEFF VAUGHAN,
J.D. KING, CAPT. WHIZZO

NATIONAL ADVERTISING OFFICE

211 East 43rd Street
New York, NY 10017 (212) 972-8484

FOUNDING EDITOR

THOMAS KING FORCADE, 1945-1978

JULY 1988 • No. 155 • HIGH TIMES [ISSN #0362-630X] is published monthly by Trans-High Corporation, Robert Aronson, President. Mail subscriptions [payable in U.S. funds] and changes of address [please include most recent mailing label] to P.O. Box 410, Mt. Morris, IL, 61054. • Allow 6 to 8 weeks for delivery of first issue or for change of address. • Subscriptions in the United States: 12 issues for \$29.95; 24 issues for \$54.95. • Single copy price: \$3.95. • In Canada: 12 issues for \$37.45; 24 issues for \$68.95. • All other countries by surface mail: 12 issues for \$37.45. • All other countries by airmail: \$67.00. • Offices at 211 E. 43rd St., New York, NY 10017. • Second class postage paid at New York, NY, and at additional mailing offices. • Manuscripts must be accompanied by a self-addressed stamped envelope. • All contributions will be carefully considered, but the publisher and editors assume no responsibility for loss or injury to unsolicited material. • Copyright ©1988 by Trans-High Corporation. Nothing in this publication may be reproduced in any manner, either in whole or in part, without specific written permission of the publisher. All rights reserved. "High Times" is a registered trademark. HIGH TIMES and Trans-High Corporation assume no responsibility for any claims or representations contained in this magazine or in any advertisement, nor do they encourage the illegal use of any of the products advertised herein. **All advertising and advertised products void where prohibited.** Postmaster: Please send address changes to HIGH TIMES, P.O. Box 410, Mt. Morris, IL, 61054.

"DEALER MONEY" TARGETED IN NEW DRUG CRACKDOWN

by Lou Stathis

Using some rather novel interpretations of existing legal precedent, authorities have recently taken to targeting the assets of both convicted and suspected drug dealers as a way of further punishing these lowlife scum, and also to help relieve the intense feelings of frustrated impotence that eats at the very soul of our upstanding law enforcement establishment.

In Brooklyn, State Supreme Court Justice Lewis L. Douglass ordered Agapito Lopez, a convicted heroin dealer, to cough up \$2,195,200 in "restitution", in addition to his levied fine of \$52,000 and a prison sentence of 25-years-to-life. Using a state law that empowers judges to compensate crime victims at the expense of a crime's perpetrator(s), Judge Douglass devised his extra punishment formula by first figuring out the number of "probable addicts" (898) that would be serviced by the heroin Lopez was convicted of trafficking (enough to fill 18,000 one-dose glassine bags, by the judge's reckoning), and then, multiplying that number by \$2,400, the sum cited by New York City social services personnel as the "lowest annual cost to treat one addict on an outpatient basis." (Actually, the result of this equation is more like \$2,155,200—but hey, what's forty thou between friends, eh?) The judge ordered that the money be distributed to drug rehabilitation programs in New York City.

"I hope this sets a precedent," the arithmetically indigent adjudicator said, even though he conceded that drug cases differ from other criminal proceedings in that they lack clear-cut, specific "victims." Indirect victims, Douglass stated, are "those whose homes are robbed by addicts seeking to support their habit. Victims are parents who see the lives of their children destroyed. Victims are all of us who must bear the enormous cost of law enforcement incurred in the effort to combat the spread of drugs." But the direct victims are drug addicts, according to the judge. "Just as the robber knows that his victim will suffer loss of property and possible injury, the drug dealer knows the consumer of his product will sustain injury to his health, and as that consumer turns into an addict, his life will continue to deteriorate."

Interesting. Though HIGH TIMES applauds any and all methods of funding legitimate drug rehab programs (funding that's drying up under Reaganomic health-budget slashing), we find the judge's daisy-chain of responsibility just a bit skewed (not quite as wack as the First Nancy's, however, which advances the curious notion that all recreational drug users are guilty of consensual homicide). What we wonder is, just how far up the line does this expansive-responsibility concept travel?

For instance, if we apply the judge's reasoning, shouldn't tobacco companies who knowingly encourage people to huff their vile weed be held responsible for the smoking-related deaths of millions of hopeless tobacco addicts? (Recent U.S. Government estimates give the annual number of smoking-related deaths at 300,000—a far worse toll than that wreaked by any other drug. A lawsuit seeking damages from two cigarette manufacturers—who apparently generated internal memos indicating their intention to suppress evidence of smoking's health hazards—and the ad agency that told us L&M Filters were "just what the doctor ordered" is currently underway in New Jersey.) Similarly, are candy manufacturers and store-clerk pushers responsible for the dental bills of sugar-crazed, cavity-wrecked kids? And, more seriously, what about our government's role in fostering the international drug trade? Shouldn't they share some of the responsibility for aiding and abetting the Southeast Asia heroin trade in the sixties, encouraging the Afghan mujahideen to finance their war against the Rooskis with drug dough, and facilitating the cocaine profiteering of such favored-nation swine as Noriega and the whole crew of fat-cat contra thugs? This style of selective judgment and law enforcement is at the essence of this administration's hypocritical legal posturing—assailing something in public while simultaneously fostering it in private (where it can serve your own secret agenda, whether political or personal/financial).

Even more foreboding are the ramifications of a law sneaked through Congress in 1984 that permits the Government to freeze all assets of indicted (not convicted) drug offenders in preparation for

continued on page 24

ONE MAN'S DOPE

PATRIOTS FOR OUR TIME

By Dean Latimer

It was Ramon Milian Rodriguez, erstwhile Miami accountant for the famous Medellin Cocaine Cartel, who got me thinking absurdly about John Hancock, as he testified before the Senate Committee on Terrorism and Narcotics last spring about dope-moneywashing. For the life of me, I couldn't figure how these two people were coming together in my head—the fearless Revolutionary firebrand I was trained to honor from nursery-school days, and this intense, balding, longfingered young Miami accountant telling the senators about the \$840 million he'd washed into U.S. banks before his 1983 arrest. What could they possibly have in common? Why am I thinking of them together? Then these two words came up together on my subliminal printout screen—smuggler money—and I realized how appropriate the connection really was.

Just like John Hancock bankrolled the Liberty Boys of Boston with his smuggler money, for example, so Ramon Milian here set up the two main Florida bank accounts through which millions in Medellin cocadollars were pumped to the contras in Nicaragua. There's a parallel. And John Hancock took pains, as things got progressively hotter for him over the years leading up to the Revolution, to lend out so much money all around Boston that by the time the shooting started in '76, fully one-quarter of all the cash circulating in town was owed to the Hancock family; so that even after King George finally sent in the troops and occupied the city, not even the local Tories would help them keep law and order, because John Hancock owned their scrotums. When Milian the moneywasher described last spring how sweetly he was treated by all the most respectable New York City commercial bankers while he was investing that \$850M with them, I began to get edgy. When I then reflected on how the big coke-money bonanza had barely even gotten cranked up by



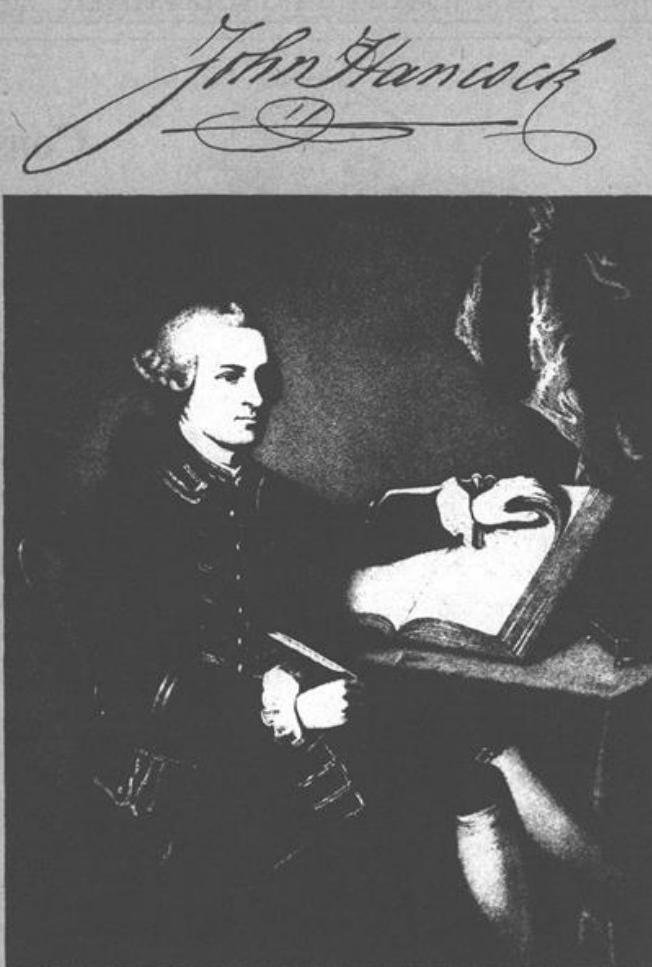
1983, and all the billions in criminal cash those *Norteamericano* banks have since absorbed, I began to get honestly depressed. This sort of filthy money rewrites history even while it unfolds. In the fullness of time, is it possible that schoolchildren will be taught the same sort of fatuous patriotic truck about the likes of Ramon Milian Rodriguez as we were all taught about John Hancock?

How To Buy History

If you think it's insulting to compare John Hancock, leadoff signer of the Declaration of Independence, with a blue-fingered grub like Ramon Milian, then you just haven't done your homework on Hancock. The man was really just comprehensively vile and disagreeable, a grasping reactionary fat-ass by inborn nature—so said every person who conspired with him in the Revolution, in their private correspondence. Publicly they painted him out in heroic terms our elementary schoolbooks still perpetuate, but among themselves the likes of Sam Adams typed Hancock as "deep of pockets and shallow of brains"—a venal moneybags who wound up financing a Revolution despite his best natural inclinations, simply because nearly all the money in his bags was illegal.

To be sure, it wasn't dope the Hancock family had been smuggling for a generation before the Revolution, but that didn't make their money any less illegal. And sure, the Hancocks certainly weren't the only smugglers in New England, but they were indisputably the most conspicuously rich. Due to the way the colonial regulations and commercial charters were written up back in England, it was actually technically impossible for colonial people to get anywhere near as wealthy as the Hancocks without violating the Navigation Acts; and so in order to keep the American colonists well-motivated and productive, the British colonial authorities just looked the other way for years and years, even while the likes of the Hancocks were smuggling gunpowder and grapeshot to the French Army in Quebec during the French and

continued on page 25



ALTERNATIVE '88

continued from page 19

Atlanta authorities (led, ironically, by Mayor Andrew Young—former mayor of Resurrection City, a tent city set up during the 1968 civil rights march on Washington) have so far refused to acknowledge the legitimacy of the **Alternative '88** Convention, insisting they apply for a "festival" permit, which carries with it a hefty liability insurance tab (a strict levy of fifty cents per person for expected attendance in excess of 10,000).

Atlanta officials are also denying use of various assembly, protest, and camping areas within shouting distance of the central Democratic Convention area (the Omni International Hotel, Omni Coliseum, and Georgia World Congress Center—see map). The main protest site offered to **Alternative '88** organizers is located on the far side of the Democratic Convention hotel (away from the actual convention site), which according to Cornwell is an unacceptable attempt by city authorities to order protesters' First Amendment rights by limiting access to a proposed "Free Stage" area. Cornwell further warns that this tactic would probably cause a repeat of the unrest seen at the riotous Chicago Democratic Convention 20 years ago. Since that time, city authorities have been bound by law to provide Presidential Convention protesters with adequate stomping-around room within plain sight of the main convention site. With that in mind, Alternate Convention organizers have requested use of a parking area directly next to the Georgia World Congress Center. So far, authorities aren't budging.

Also at issue is a proposed 40 to 60 acre campsite located about two miles east of the Convention area. That desired location, which organizer Cornwell says has the support of the local community, was chosen for its proximity to the Atlanta rapid transit system (MARTA) which offers quick and easy transport to the protest site.

Current plans for **Alternative '88** activities include a July 16th rally and smoke-in at noon in Woodruff Park, and a list of ax-grinding speakers and agit-prop entertainers longer than your arm. Confirmed at this date to appear are guys like Libertarian Presidential candidate Ron Paul, wacko perennial Presidential candidate Pat Paulsen, Abbie Hoffman, and (maybe) Tim Leary; and bands like HR (ex-Bad Brains), Pablo Moses, hardcore meanies MDC, neofolkies the Washington Squares, and local faves Supreme Court (featuring guitar-wiz Glenn Phillips). Most of the main events will take place at the Metroplex, a 1500-capacity club located a few blocks north of the convention center at 388 Marietta St. N.W., and a large outdoor area called the Underground R.R.

Membership in the convention is available in advance for \$125.00 (six day package), or \$110.00 (four day package), which provides access to all events as well as a 225-page guide book and 64-page post-con supplement. For membership and/or information, contact **Alternative '88** at 384 Marietta St., N.W., Atlanta, GA 30313; phone (404) 523-2631.

HEMP MARCH

Also planned to descend on poor besieged Atlanta is a user's-rights hemp march, organized by a Washington, D.C.-based outfit called GRASSroots. According to National Campaign Coordinator Michael Moran, the march will focus attention on three major marijuana issues: The separation of the home grower and private consumer from the large-scale trafficker (thus short-circuiting the Reagan administration's plan to hold consumers responsible for the activities of criminal trafficking cartels); changing the DEA scheduling of marijuana to make it available for legitimate, prescribed medical use (see April '88 Highwitness News); and the consideration of the local option home-rule referendum (meaning that if a locality

wishes to decriminalize or give tacit approval to private pot consumption and cultivation, they should be permitted to).

Plans for the demonstration are still a bit vague at press time, but Moran reports that marchers will be meeting on the summer solstice (June 21) in Hemp, Georgia (a tiny town situated about 100 miles north of Atlanta, named for its major agricultural product in Revolutionary times), and then heading into the nearby Chattahoochee National Forest for a couple of weeks of camping. On July 9th, marchers will begin the trek south to Atlanta (without benefit of a permit and blowing smoke along the way), where they hope to arrive on the morning of the 14th. That day a rally is planned; it should begin outside City Hall, proceed to the Omni Center, and from there head to the University of Georgia campus. A benefit concert for the demonstration's bail fund is scheduled for that evening (the marchers expect to be arrested at least once along their parade route). No info address or phone number is available right now, but if you're interested in participating, call the HIGH TIMES office (212) 972-8484 and we should be able to provide more details by the time this issue hits the streets. ●

A FIELD GUIDE TO NORTH AMERICAN CONSERVATIVES

BY JOE BARTOS

The Conservative Life Cycle



Adolescence

The adolescent conservative takes one step further toward its responsibility of harassing and maiming undesirables by experimenting on small animals or weaker children. It is during this phase that the conservative experiences its brief period of sexual activity, usually with these same small animals and children.



JON GETTMAN

N O R M L
NATIONAL DIRECTOR

N O R M L - I Z E R

The Hash Bash— An Ann Arbor Tradition



JOHN EDER

Jon Gettman "organizing and educating" on the University of Michigan Diag during this past April's Hash Bash.

Students at the University of Michigan in Ann Arbor have rallied every April 1st for the last seventeen years to advocate the legalization of marijuana. Isn't it time you felt their inspiration?

Support for the annual Hash Bash on the campus Diag has waxed and waned over the years, yet students have maintained the tradition as a gesture of support for marijuana law reform nationwide, and more directly as a public indication of support for Ann Arbor's own municipal marijuana law—which mandates a five-dollar fine for possession of under an ounce of marijuana.

This year the local NORML chapter decided that the traditional gathering of students wasn't enough, and that they had to begin work to educate and organize the students and campus community. They received assistance from HIGH TIMES, NORML, and even from a local

judge in publicizing this year's event.

Richard Birkett, a NORML activist in Michigan, believed that this annual gathering needed to be directed toward more constructive activity than merely a mass act of civil disobedience. NORML has always felt that a disproportionate amount of attention is devoted to public marijuana smoking at protests such as these, and not enough directed to the act and purpose of the protest itself.

Birkett was quoted (and misquoted) in the Ann Arbor newspaper explaining NORML's objectives—organization and education—as a preferable alternative to simple civil disobedience.

Unfortunately, Birkett had a court case the week before the Hash Bash on charges unrelated to the event. He was convicted of misdemeanor possession of marijuana ($1\frac{1}{3}$ grams) and driving while impaired. The prosecutor revealed to the

court that Birkett was quoted in the newspaper in connection with the Hash Bash.

Ann Arbor District Court Judge Thomas Shea ordered Birkett held without bond, pending sentencing two weeks later. In effect, Birkett was detained in jail as retribution for using his First Amendment rights to advocate marijuana reform. Judge Shea's order, though, resulted in considerable publicity for the Hash Bash itself, and was partly responsible for the largest crowd in years showing up on April 1st to show their support for Richard Birkett and the fight for reform.

Local newspapers estimated the crowd on the Diag numbered between 500 and 1000. No police officers were assigned to patrol the event; the university had requested a low police profile because "young adults have to take responsibility for their own actions." NORML couldn't agree more.

During my speech I explained NORML's position that marijuana should be legalized and taxed to support adequate drug treatment and rehabilitation programs. I was interrupted by a man with an opposing viewpoint who tried to grab the microphone from me. As he was escorted away I tried to explain to the man, and the crowd, that we believed in free speech but did not support its disruption.

The zealots who support making criminals out of marijuana users do not believe in free speech.

In Wisconsin last year the Governor tried to deny the organizers of the Midwest Harvest Festival a permit to gather on the steps of the state capitol on the grounds that they were marijuana smokers.

In Michigan, a judge decides to detain Richard Birkett to obstruct his First Amendment rights because he was a marijuana smoker, and a zealot tries to prevent me from speaking for reform.

Furthermore, the special agent in charge of the Federal Drug Enforcement Administration complains that the Hash Bash is "inconsistent" with publicity against substance abuse. And there it is. Our protests interfere with their publicity campaigns. The sad fact is that the

continued on page 28

Need NEW ID? PRIVACY?



How to get new ID from government sources. State ID's, Birth Certificates, Drivers Licenses, new SSN, Passports, Diplomas, Degrees by mail. Get better jobs. Cover negative records. Solve fingerprint problems. Disappear. Start life over!

#1 \$15.95



Clear bad credit. End debts. Establish new credit. Receive all kinds of credit cards. Establish new credit. Clever credit maneuvers. All your "credit rights" and more!

#2 \$9.95

HOW TO BEAT THE BILL COLLECTOR. Sharpest rules of the credit game. #3 \$5.95

100 WAYS TO DISAPPEAR. Inspiration for privacy. #4 \$3.95

EDEN PRESS • 11623 Slater "E" • Box 8410-HT • Fountain Valley, CA 92728

Create your own privacy! Discover best low-profile methods. Financial privacy. Cash income opportunities. Banking alternatives. Secret hiding places. Avoid violence, surveillance. Hide your assets. Protect mail, telephone. Using other "names." Disguises. Codes. Hideouts. Deep cover. Multiple addresses, and more!

#5 \$18.95

More on new identity. Legal name changes. How to disappear using legal changes. Adopt an alias. Laws on fake ID. "Take-over" ID/Codes used on drivers licenses, SSN, military SPN. Avoid passport problems. Do-it-yourself ID. Sources of private-issue ID. Much more!

#6 \$17.95

SPECIAL COMBINATION OFFERS

Books 1-4 \$29.95 All 6 Books \$49.95

Total of Order: _____
(Calif. residents add 6% sales tax) _____

Postage & Handling
(Your choice) Fourth Class \$2.00
 FIRST CLASS \$5.00

TOTAL: _____

SEND TO: _____ Send current Book Catalog — FREE.

Name _____

Address _____

City _____ State _____ Zip _____

Put your plants in the best light.

With our exclusive Mini-Might Grow Lights.

Our popular HPS150 uses a high pressure sodium lamp with an ideal color spectrum for budding and flowering. Costs only 15¢ a day to operate.

Our new MH175, with a metal halide lamp is perfect for all stages of plant growth. Only 18¢ a day to run.

SALE PRICE EACH \$99

Reg. \$139 PLUS \$5.00 shipping anywhere in USA.



See complete product listing inside front cover.



ENERGY SAVERS UNLIMITED, INC.

22138 SOUTH VERNON AVE., -C, TORRANCE, CA 90502

Call Toll Free: (800) 421-2994 (outside California)

(800) 538-3400 (in California)

ONE YEAR PARTS & LABOR GUARANTEE —
30 DAY MONEY BACK GUARANTEE — MOST
ORDERS SHIPPED IN 24 HOURS — C.O.D.
ORDERS WELCOME — NO DEPOSIT REQUIRED
— QUANTITY PRICES AVAILABLE — CALL
FOR FREE CATALOG.



DEALER MONEY

continued from page 20

confiscation of such assets upon delivery of a guilty verdict (remember, it was Sleazeball General Ed Meese who noted that if you weren't guilty you couldn't be a suspect . . .). This bit of unconstitutional nastiness is currently being tested in an unprecedeted full-bench hearing before the U.S. Court of Appeals (after the standard three-judge panel gave it a 2-1 approval vote), where civil liberties advocates are arguing that freezing a defendant's assets deprives him of the ability to hire a halfway decent lawyer, thereby denying him/her due process. According to federal prosecutor John F. Savarese, "Congress clearly has the power to prevent defendants from using the illegal proceeds of narcotics trafficking for any purpose, including attorneys' fees." Oh yeah? Only one problem with that line of reasoning—a little thing called the Constitution, which guarantees that one is held innocent of a crime until proven guilty. Which means, a defendant's assets are just that, and remain inviolable until the clown is proven to be drug-dealing swine by a court of law.

The twelve-judge Second Circuit panel is expected to rule on this issue shortly, whereupon the losing side is expected to appeal up to those wonderful Constitution-loving guys (and gal) of the U.S. Supreme Court. Stay tuned to this space for updates. ●

COPS BUST GHOST GROW ROOM

State troopers raided a high-tech automated grow room in an abandoned Wasilla, Alaska building, scoring plenty of plants and equipment but no humans. Acting on info provided by an anonymous tipster, police in this tiny 1500-resident town located about 50 miles north of Anchorage, busted into an apparently unoccupied six-unit apartment building and found, behind black plastic-covered windows, several fully automated grow rooms and 50 pounds of dried, harvested plants. "I used a snow shovel to scoop it up and put it in containers," said Trooper Investigator Mike Stickler.

Stickler also reported that 35 three-foot plants were found still growing under rotating 1,000-watt bulbs "the size of volleyballs."

Although the management company most recently responsible for the building told investigators that the property had been foreclosed on, police found evidence of habitation in one apartment and hoped to determine responsibility for the fun-factory by tracking down utility records. ●

— LS

ONE MAN'S DOPE

continued from page 21

Indian War.

This genial and unspoken arrangement between the colonial authorities and the smugglers worked so well, and went on so swimmingly for so long, that the new financial ministers of incoming young King George III in the 1760s had not the least notion of how it really worked when they started meddling with it. When they started promulgating their Sugar, Tax, and Stamp Acts, ministers like George Grenville and Champagne Charlie Townshend were really only endeavoring to streamline the cash-flow between America and England, for the good of the colonists as much as anyone else. When they discovered that their modest economic proposals invariably incited drastic and uncivil resistance from the richest people in America, they simply couldn't understand it; they put it down to simple purblind churlishness, and cracked down with progressively tighter and more punitive import-export legislation.

What the King's ministers failed to understand from the start was that by simply undertaking to enforce their enlightened new customs regulations, they were fundamentally violating this longstanding gentlemen's agreement that was intrinsic to the operation of the colonial economy. If they'd known that the whole apparatus depended upon a pragmatic acceptance of profitable criminality, then they'd never have presumed to send over a grand new establishment of customs inspectors and revenue collectors in the late '60s. King George's people were honest, ignorant, and full of steely integrity, and so we had a Revolution.

It was the big smuggling crackdown of 1767, when the first sizeable contingent of Crown customs snoops sailed into Boston harbor on a great warship, that really got things rolling. They were tailed closely into the harbor by a sleek Hancock sloop, the *Liberty*, stuffed to the scuppers with contraband Madeira wine straight from Spain, and so they busted her the very next day, just hours after she'd been unloaded onto Hancock's wharf. To teach everyone a lesson, they confiscated the *Liberty* and proudly turned her into a customs patrol vessel, and after that John Hancock was shotgun-married to the Revolution. What else could he possibly have done? Seven years later, while his war-painted Liberty Boys were merrily dumping all that East India Company tea into Boston harbor, he had over \$10 million worth of smuggled tea in his warehouse just across the bay. The poor man had no choice: make money off the Revolution, or go to the gallows. *Plata o plomo*, as

continued on page 29

TAKE THE BEST LIVING SYSTEM FORGET THE REST

Living System is more than just a growing apparatus. It is a scientifically proven approach to horticulture so fool-proof even first time users will achieve guaranteed minimum yields. But most important is that many customers nationwide over the last six years continue to enjoy the benefits of lush indoor gardens all year round. They report greater yields and higher quality in less time. Bottom line is quicker return on time and investment. See why more and more indoor growers are taking their needs to **Light Mfg. Co.**

Suncircles

- 1 Light System 8 x 8 room. 139.95
- 2 Light System 10 x 10 room. 189.95
- 3 Light System 12 x 12 room. 249.95

Lighting

- 1000W Metal Halide w/ parabolic reflector 189.95
- 1000W HPS w/ parabolic reflector 259.95
- 400W Metal Halide w/ 2" cone reflector 139.95
- 175W Halide or 150W HPS mini-horizontal light 109.95

Living Systems

- Basic System includes Heart, six (6) cells and Nutrient Supply Center 161.00
 - Expandable to 72 cells, with 6, 12, and 18 cell kits.
 - Six (6) cell access kit includes — pump, timer, nutrients, pH up, pH down, pH adjustment dispenser, bloom builder, rockwool, and pH test kit.
 - Basic System and Access Kit 264.49
 - Twelve (12) cell system with accessory kit. 342.30
 - Thirty-six (36) cell system with accessory kit. 659.90
 - Sixty (60) cell system with accessory kit. 999.95
- All Systems and access kits are discounted 5% when purchased together.

CLOSET SYSTEM

- Six (6) cell Closet system expands to Living System with Heart and Nutrient Supply Center. Includes pump, timer, nutrients, pH down, rockwool, 6 Living System cells.
- Ten (10) cell Closet Nursery. Includes 10 Living System growth modules, pump, timer, nutrients, pH down, rockwool, test kit, reservoir tray.
- Closet system with mini-horizontal 149.90

CREATE YOUR OWN CUSTOM SYSTEM

- All Living System components, accessories and parts may be purchased separately for those who wish to create their own custom or experimental growing system.

FREE PHONE CONSULTATION

- Feel free to call us at (503) 231-1582 with your indoor growing questions. One of our experienced consultants will gladly assist you. Visit our showroom today for a demonstration of our continuous production system and a look at our line of horticultural products.

SAME DAY SHIPPING SERVICE

MasterCard
VISA AmEx

FREE
CATALOG

DEALER INQUIRIES WELCOME



"This hydroponic unit is one of the most versatile and productive on the market today." — Jorge Cervantes

CELL

- Individual and interchangeable growth modules, shut-off clamp with easy disconnect. \$11.00

HEART

- Adjustable nutrient flow; automatic flush and drain; total nutrient recirculation. \$55.00

NUTRIENT SUPPLY CENTER

- Five gallon mixing reservoir, nutrient level regulation; reservoir expansion port. \$50.00

CO₂ INJECTION SYSTEM

- Complete with timer and instructions. \$149.90



ELIMINATE GUESSWORK

Follow our recommendations with precision by using our Professional Parts Per Million (PPM) Meter with padded case and standard solution to monitor nutrient concentration for only \$179.90. And our electronic pH Pen with standard solution to check system pH for only \$64.90. Free estimates given on complete systems including Lights, timers, fans, CO₂ nutrients, pH adjustment, reflectors, mylar, and rockwool.

30 DAY MONEY BACK GUARANTEE

CALL NOW TOLL FREE AT 1-800-NOW-LITE
Light Manufacturing Company 1634 S.E. Brooklyn, Portland, OR 97202

WHOLESALE LIGHT SUPPLIERS

1-800-333-LITE "Don't Pay Retail"

BASIC KITS (NO REFLECTOR OR ENCLOSURE)

1000 HALIDE (MS 1000)	\$150.00
400 HALIDE (MS 400)	\$105.00
1000 HIGH PRESSURE SODIUM (LU 1000)	\$195.00
400 HIGH PRESSURE SODIUM (LU 400)	\$165.00

EXPANDED KITS (48" REFLECTOR AND STEEL ENCLOSURE)

1000 HALIDE (MS 1000)	\$175.00
400 HALIDE (MS 400)	\$130.00
1000 HIGH PRESSURE SODIUM (LU 1000)	\$225.00
400 HIGH PRESSURE SODIUM (LU 400)	\$190.00

C.O.D.'s SHIPPED

VISA AND MASTER CHARGE

CARBON DIOXIDE SYSTEMS COMPLETE	\$150.00
AIR PURIFIERS - ELIMINATES SKUNK ODOR (150 cfm)	\$109.00

DEALER INQUIRIES WELCOME

CALL COLLECT FOR LIGHTS

BOX 3361, SPOKANE, WA 99220-3361

Free Catalogue

TRANS-HIGH QUOTATIONS MARKET

Little Rock, AR

Brown Colombo "seedy; low quality," **25 1/4-oz.**
Dark green Mex "lots of red hairs; tight buds; average high; lbs come in compressed bales," **\$30 1/4-oz; \$275 1/4-lb.**
Mexican sinse "orange and red hairs; spicy taste; good stoney high; nice looking buds," **\$35 1/4-oz; \$300 1/4-lb.**
Skunk "overpriced; not the best buy; average quality for skunk," **\$25 1/4-oz; \$200 oz.**

Homegrown buds "lots around when it's harvest time; fair to excellent," **\$25-35 1/4-oz; \$300-350 1/4-lb.**
Coke "some real good, some real bad; some rocks around, just watch the weight," **\$100 gm; \$250-350 1/8-oz.**

Acid "all kinds of paper blotter; all overpriced unless you know a Deadhead; too much speed," **\$5-10 a hit.**

St. Petersburg, FL

Mexican red hair "good," **\$25-30 1/4-oz; \$100-110 oz.**

Mexican brown "dirtweed," **\$25 1/4-oz; \$100 oz.**

Gainesville green **\$30-40 1/4-oz.**

Green buds "closer to California sinse," **\$25-35 1/4-oz; \$100-125 oz.**

Colombian sativa **\$25-30 1/4-oz; \$100-110 oz.**

Skunk "good; smells like shit," **\$25-30 1/4-oz.**

Black hash \$10-12 gm.

LSD: rainbow "excellent"; dominos "intense"; star "fake," **\$5-7 a hit.**

Cocaine "all over the place; some good, some shit," **\$60-80 gm.**

Chicago Hts., IL

Best red buds in town **\$25 1/4-oz; \$300 1/4-lb.**

Acid "somebody save us! It's shit...don't buy it!" **\$2-4 a hit.**

Atlanta, GA

Marijuana "plentiful supply; best 'sins' Ronnie's war on drugs commenced; buy American!" **\$100 oz.**
'Shrooms "brain food; trippy and mellow," **\$75 oz.**

LSD "best dollar value for us psychedelic psnobs" **\$5 a hit.**

Liquid LSD in 100 hit vials **\$125 a vial.**

MDMA "still experimental but in high demand," **\$20 per 125 mg dose.**

Cocaine "more than ever; actually found by the side of the road; huge busts going down!" **\$1600 oz.**

Opium "baby, mellow my mind; hard to find, but the demand is there," **\$10 gm.**

Beechmont, KY

Skunk "three toke killer," **\$35 1/4-oz; \$350 1/4-lb.**

Mexican "few seeds; okay buzz," **\$25 1/4-oz; \$250 1/4-lb.**

Indoor sinse "big buds; great buzz," **\$300 1/4-oz; \$300 1/4-lb.**

Chunky brown "hacked weed; takes a 1/4-oz to

Send quotations to: THMQ, 211 E. 43rd St., New York, NY 10017. THMQ is intended solely for informational purposes. All entries should be typed or neatly written: If you are unable to compose a legible entry after testing your samples, please wait until you have control of your penmanship before sending us your information. Marijuana is listed by 1/4-ounce, ounce, 1/4-pound and pound prices only. Don't bother sending prices for hard drugs. Prices in this issue are current as of April 15th, 1988.

get stoned," **\$15-20 1/4-oz; \$175 1/4-lb.**

Mescaline "not so hot; overpriced," **\$5-8 a hit.**

Cocaine "some real fine shit; plenty around," **\$25 1/4-oz; \$220 1/8-oz.**

Dundalk, MD

Mexican indica "big green sticky buds; stoner high," **\$200 oz; \$750 1/4-lb.**

Thai buds "sticky and sweet; cerebral buzz," **\$200 oz; \$750 1/4-lb.**

Homegrown "green and brown; some stems and seeds; good high," **\$100 oz; \$350 1/4-lb.**

'Shrooms "good body high if you know the right people," **\$100 oz; \$350 1/4-lb; \$1400 lb.**

Acid "many different blotters," **\$4-5 a hit; \$175 pr hundred.**

Hagerstown, MD

Jamaican sinse "average," **\$35 1/4-oz.**
Bright green skunk "awesome; like a trip!" **\$80 1/2-oz.**

Indica "nice!!!" **\$40 1/4-oz.**

Black hash "rare, but good!" **\$10-12 gm.**

Burmese opium "smells bad, does good!" **\$15 gm.**

California sinse "good," **\$140 oz.**

Mexican brown "aw,

c'mon Pedro!" **\$25 1/4-oz.**

'Shrooms "reddish caps," **\$60 oz.**

LSD: globes, gold stars, yin-yang, sunburst, pigs

"mediocre," **\$5 a hit.**

LSD: clowns, black stars, album covers

"great," **\$7 a hit.**

Kansas City, MO

Cocaine "nosebleed city; light yellow color," **\$100 gm; \$260 1/8-oz.**

Sinse "red hairs; great taste; great high," **\$30-35 1/4-oz; \$300-325 1/4-lb.**

Springfield, MO

Skunk #5 "total resin," **\$50 1/4-oz.**

William's Wonder "massive buds," **\$50 1/4-oz.**

Mexican sativa "dry," **\$30-35 1/4-oz.**

Domestic green sativa **\$35 1/4-oz.**

Cocaine "ALL ROCKS!" **\$25 1/4-oz.**

LSD: clowns, purple tile "dirty," **\$5 a hit.**

LSD: mosaic, tan design **\$6 a hit.**

Piscataway, NJ

Trinity Co. CA indica hybrid "creamy rich taste; light green color; top quality bud," **\$75 1/4-oz; \$300 oz; \$3500 lb.**

Hawaiian sinsemilla "reddish brown color;

citrus smell; real spacey buzz," **\$250 oz.**

Arkansas indica sinsemilla "a little dry, but real hash tasting; snooze weed," **\$200 oz; \$2400 lb.**

Jamaican ganja "dark brown buds; compressed heavily; looks like lawn mower blade

scrapings; speedy, drug-like high," **\$45 1/4-oz; \$80 1/2-oz; \$150 oz.**

William's Wonder sinsemilla bud "NJ produced fineness; unbelievable resin content; strong; overpowering; narcotic," **\$70 1/4-oz; \$130 1/2-oz; \$250 oz.**

Chocolate Thai "NYC is covered with it; real weird smell, taste, and high; might be treated; too strong for me, thanks!" **\$50 1/4-oz; \$175 oz.**

Cocaine "the war on drugs is losing big; more coke than ever before," **\$200 1/8-oz; \$1000 oz.**

Greenpoint, NY

Chocolate Thai "sweet taste; best around," **\$60 1/4-oz; \$220 oz.**

Thai "resinous bud; kickass high," **\$50 1/4-oz; \$180 oz.**

Commercial Brown "fresh," **\$40 oz; \$400 lb.**

Mescaline: purple microdot, double barrel "speedy, nice trip, though," **\$3 a hit; \$100 for 100.**

Cocaine "fairly pure; nice rocks," **\$50-60 gm; \$150-175 1/8-oz.**

Asheville, NC

Indica dominant

strain "tight buds; creepy high; a little seedy, but well worth the wait!" **\$18 1/8-oz; \$35 1/4-oz; \$65 1/2-oz.**

Brown commercial "straight from Hotlanta;" only ozs available; average to good quality," **\$100 oz.**

LSD: blotter "strychnine; still strong," **\$4 a hit.**

LSD: blotter sheets "WOW! floating ceilings, fiendish friends, and all so little; thanks, Jerry!"

\$40 per 100.

Allentown, PA

Commercial brown "surprisingly good; tastes bad," **\$20 1/4-oz.**

Indoor indica "very good deep high," **\$35 1/4-oz.**

Cocaine "good," **\$70 gm.**

Philadelphia, PA

Skunk "lime green; sticky; excellent bud; plentiful; stoney two-hit super high," **\$180 oz; \$1950 lb.**

Thai bud "incredible smoke; orange and purple color buds; killer high," **\$155 oz; \$2375 lb.**

Red hair sinse "nice bud; mellow high," **\$100 oz; \$1475 lb.**

Mexican homegrown "super big buds; nice smoke; stupid high," **\$85 oz; \$1275 lb.**

Afghan black hash "finally here! abundant supply; stoney, kickass high," **\$1850 lb.**

Red Lebanese hash "great taste; pleasing high," **\$1590 lb.**

TRANS - HIGH MARKET LETTERS



CANADA

Just got your latest issue on the Floyd. You should know that there are people who will worship this as a treasured piece of journalism.

I thought I'd drop you a line on things out here in great western Canada. Calgary is a little dry for hash due to either overconsumption or underprotection. Not many specialties at Xmas; regular kickass sinse (white or red pistils, no purples or blues). Found yellow pistil herb called Thailand (but not sticks) in Vancouver. The price was about the same—\$50-70 a quarter-ounce—but it was more abundant in Vancouver, home of Wreck Beach, the 3rd largest nude beach here.

Talk about free enterprise! Booths on the beach sell anything: food, beer, liquor, hash, pot, a little blotter for \$6-10 each (costly shit, but 24-hour highs). Doobies of African sinse were \$2 each, but they were factory direct. Only three raids all summer, too.

A friend in Toronto tells me it's booming with variety there, while Sarnia and surrounding areas as far as London-Windsor are drier than a popcorn fart.

Anyway, figure I'm running long but just had to say you're great. Thanks for the piece of mind. Speaking of peace, ever wonder why we still test cruise missiles and why medium-range missiles are supposed to be a thing of the past?

Alex and Bandit

PS Would love to see more Hep Cat or cartoons in general!

FLORIDA

I haven't noticed any letters from the Tampa Bay area or St. Petersburg lately. I know there are a lot of you out there. Around Christmas you were lucky if you could get some Mexican dirtweed to smoke (the three-joints-to-get-high type). Then all of a sudden, here comes the green bud! At first I

thought of Gainesville green, but it's too close to California sinse (or someone in Gainesville is using sinse seeds). Fantastic stuff, though. Right now there is quite a variety around. Whoever has the green, keep it in Florida where it belongs! Send some Hawaiian this way, too.

M.E.
St. Petersburg, FL

PENNSYLVANIA

I enjoy your interesting and informative magazine. I've been reading it and learning from it for years. I hope to get into the growing scene soon. Keep up the always excellent work. We in Philly love your magazine. Screw all the negative people who don't understand HIGH TIMES!

A devoted HIGH TIMES reader in Philly

MINNESOTA

Well guys, here's to another successful year. I tossed a lot of seeds last year all over empty lots and fields, and I didn't really plan on growing. Much to my surprise, the seeds popped up in no time and had healthy, thick stalks at only 10 inches tall. I transplanted 10 plants and three turned out male. The rest were dynamite! Three were short skunks, very sticky and very heavy. Two were very potent *indicas* that produced 1½ pounds of manicured buds. The last two were very tall *sativas* with absolutely zero seeds (I kept these two separate).

I know a lot of pot smokers and they all pay very dearly for their smoke. Now, if all marijuana dealers gave one percent of total sales to NORML, that would make a world of difference to our cause. Unfortunately, the dealers would like to keep marijuana illegal so they can make millions of dollars every year. So it's really up to the final links in the chain—people like you and me who don't want to pay increasingly high prices for our smoke.

Reefer Fields
Minneapolis, St. Paul

MISSOURI

Your magazine is very informative on my favorite subject. No letters from MO lately? Ozark gold and Missouri green are some of the best in the west (mid-west, that is)! I agree with "Be Safe's" letter in your April '88 issue. Let's hear some facts on Ecstasy. I've heard it's great for mind and body, but what about health?

Ms. Ecstacy
Happy Holler, MO

MASSACHUSETTS

In response to "Crazy, Chestnut Ridge, PA (April '88): You are an asshole/dumbshit for several reasons. First, you sell your male plants. Second, you are proud to be an outdoor grower. And last, you label my fellow pot smoker who pays over \$100 an oz an asshole. What are they to do? Their situation might not enable them to meet their own Mr. Dealer or grow their own herb. Wake up, grow up, and shut up. And while you're at it, please let people live their own lives.

PO'd Deadhead
Boston, MA

NORTH CAROLINA

I am currently living on the Western Carolina University campus, and I grow a little grass on little plots hidden in the woods off campus. Everybody should, if you'd like to smoke free weed and are paranoid about growing it in your home.

Seedy pot is available in Cullowhee for \$35 a quarter-ounce or \$120 an ounce. If you know a righteous dealer, stick with him. They are hard to find these days.

Whatever happened to the fuckin' '60s? Grass was practically free and it was everywhere, man! Remember, growing grass is cool. After all, God's gifts to humanity are free. Push legalization, everybody! Let's get the government going again. We can do it!

The \$100 a year NORML and OMI contributor
Cullowhee, NC

High THMA,

I've been growing for 10 years. Two years ago, I had 60 female plants, 17 to 18 feet tall, ready to be harvested. The day I went to harvest my crop, much to my surprise, I found the TV crew from Channel 9 and the local deputies harvesting for me. I was able to escape from the deputies, a helicopter, and a dog without getting busted.

When I got home I turned on the news to find out that the pigs had reported 28 plants. I know for a fact that there were 60 because I cared for them for eight months.

Losing my plants was bad enough, but knowing that some two-faced cop was selling or smoking my plants really burns me up.

Mr. T,
Lenoir, North Carolina

QUICK FLASHES

by Edie Barrett

WATCH OUT FOR THE PRICKS...

Michael Coblenz, owner of a California plant nursery called Nightbloomers, who was busted last year for selling San Pedro cacti (legal cactus whose directions for care included four paragraphs explaining its use in ancient South American religious ceremonies), beat the state rap he was facing when his case was dismissed in a lower court. But the District Attorney, who was obviously not content with the Mendocino County Narcotics Agents destruction of thousands of pounds of Nightbloomers' cacti and an \$8000 solarium during the bust, has appealed the case to a higher court. If convicted of distributing the plant's historical information (which also included a warning that consumption of the plant is illegal), Coblenz faces one to three years in prison. To help defray his anticipated \$10,000 legal fees, Nightbloomers is offering T-shirts (depicting a San Pedro glyph from a 3000-year-old Peruvian stone engraving), for contributions of \$12 or more. Contributions can be sent to: Nightbloomers, Box 4611, Berkeley, CA 94704-0611. Specify "regular" or "large" if you want the shirt.

SHADES OF STEVE McQUEEN!

A Gallatin, TN man who drove his motorized wheelchair into the path of a police car was arrested and charged with driving while under the influence. James High, who was disabled in a farming accident 20 years ago, claims he cut off the police car to avoid driving into a ditch. Aptly-named detective David Lame claims High fell out of his wheelchair while he was being questioned by a police officer. High was also charged with possession of marijuana, but was released without being asked to post bond.

BUT WILL IT FETCH YOUR SLIPPERS?

In a move clearly designed to render man's best friend obsolete in the world of law enforcement, Thermedics, Inc. of Woburn, MA, is testing an electronic drug detector which has been proven powerful enough to find two codeine caps inside a suitcase. The machines, developed while working on an explosives sniffer, also managed to detect cocaine-soaked money and heroin-soaked clothing in tests conducted at Logan International Airport in Boston last year. A quicker model is almost completed, and will be tested in an airport where smuggling is "more common" than Logan.

DOGGIE DUE

In another move clearly designed to render man's best friend obsolete in the world of law enforcement, drug dealers in Texas have put a \$30,000 contract out on the heads of drug-sniffing dogs, which have cost them over \$130 million. According to Federal drug agents, the main target of the bounty is a dog named Rocky, a mascot in anti-drug campaigns who also makes personal appearances at drug awareness programs for children. Rocky, along with 13 other hooch-huntin' hounds employed by the US Border Patrol, is now getting around-the-clock protection since the bounty has been levied.

BETTER LUCK NEXT TIME DEPT.

Drug possession charges against actor Jan-Michael Vincent, star of the television series "Airwolf", were dropped when police realized that pills uncovered during a routine traffic check on April 13 were not amphetamines but caffeine tablets. Vincent, who in the past has been arrested on charges of (gasp!) growing marijuana, was only a passenger in the car which was searched, but he was arrested and released on \$1000 bail.

I FEEL GOOOOOD...

The estranged wife of James Brown, who has accused the Godfather of Soul of attempted murder, was herself arrested in Augusta, GA, after being apprehended in possession of a hallucinogenic drug. She was busted at a local airport after cops were tipped off that she was getting a shipment of PCP from New York. Police confiscated nasal spray bottles containing "a brown, leafy substance" and a cigarette which later tested positive for PCP. Mrs. Brown and Ranell Wright of New York were charged with one felony count of possession of PCP and released on cash bond.

8-BALL OF CONFUSION

David Ruffin, former lead singer of '60s soul group the Temptations, has been arraigned in Detroit on charges of possession with intent to distribute less than 50 grams of cocaine. Ruffin, who left the Temptations in 1968 when it was rumored he was using cocaine, faces a possible 20 years in prison if convicted. ●

NORML-IZER

continued from page 23

Reagan anti-drug program is, and never has been, anything more than a publicity campaign.

Hans Christian Andersen is responsible for a lot of troublemaking in this country, and worldwide for that matter. We all know the story of "The Emperor's New Clothes", but did you ever think when you were young that we'd be reliving it year after year?

The Hash Bash rightly falls on April Fool's day. In the royal courts of old it was the fool who could speak the truth with impunity. The authorities try with all their might to portray the marijuana reform movement as a pack of foolish rogues, but truth be told, we play the fool slyly, biding our time wisely while we gather strength.

We will not stop our protests. In fact, the national leaders of the marijuana reform movement are busy planning more demonstrations nationwide for 1989. We will continue to demonstrate our willingness to stand up for our rights. We won't pretend to see the Emperor's New Clothes until he really gets some. Meanwhile, we stand obliged to point out to the nation, and the world, that the time has come for less farcical policies than the War On Drugs.

We will continue to use our first amendment rights. We will continue to be confronted by narrow-minded zealots who believe that because this is a war, our dissent is treason. Sometimes we will be able to withstand their assaults, and other times we will not. But we will not waver in our dedication and faith in the idea that our involvement in this issue will bring about true reform.

Richard Birkett has friends, and we're working to resolve his legal problems and get him back to work. Meanwhile, all of us must respect the courage of a man who stood up for our rights and was willing to suffer the consequences that came with it. Freedom and justice come with a price attached, a price Birkett was willing to pay.

We will remember this man's sacrifice as having marked the time when the authorities began to take us seriously. We have obviously gotten their attention. As years go by, we will all find ourselves a little stronger on account of the time Richard Birkett spent in the Washtenaw County Jail.

(To join the fight, write: NORML, 2001 S Street N.W., Suite 640, Washington, DC 20009.) ●

ONE MAN'S DOPE

continued from page 25
they say now in Medellín, "the boodle or the bullet."

And he was plain criminal from the shoebuckles up, John Hancock. Early on, he suckered some 200 fellow Boston merchants into proclaiming a righteous patriotic boycott on all duty-paying British merchandise—but only after he'd quietly stockpiled tons of every such article beforehand, so that he was the only trader to make any money while the boycott lasted. He made sure, once formal hostilities were under way, that the Marine Committee of the Continental Congress was staffed entirely by people who owed him money; with the result that all through the war, the pitiful little official Navy of John Paul Jones was barely funded at all, while private-sector shippers like the Hancocks made tons of money on what amounted to random, non-strategic piracy on British vessels. And when a muckraking Boston weekly called the *Chronicle* began regularly exposing Hancock's egregious war profiteering, Hancock saw to it that the publisher was promptly thrown into jail for debt, and then got power of attorney from his creditors to auction off his printing press. Later on, when John Hancock initially came down foursquare against the idea of a Bill of Rights for the Constitution (before Sam Adams turned him around with some subtle blackmail), no one was surprised. When Hancock blithely nominated himself for President of the aborning Republic, John Adams exploded, "This is escaping Scylla to fall into Charybdis!" They let Hancock be governor of Massachusetts for the last 15 years of his life, where the graft would at least stay localized.

Sifting the Cocadollars

So everything worked out pretty much okay in the end, in that best of all possible worlds 200 years ago, even if history was fain to rewrite itself to the extent of turning a thug like John Hancock into an immortal hero. But then their Revolution enjoyed adult supervision from the likes of Benjamin Franklin and Alexander Hamilton—people who had an awareness of history and the real function of money. This current Cocadollar Revolution appears to be run by the money itself, passing insensately from a collection of lucky simpletons in Colombia to a zoo of bank managers, real-estate boodlers, and superannuated CIA gladiators here in the States. Ramon Milian, for example, told the Senate that his only reason for doling out the Cartel's table-scraps to the contras was in order to buy the CIA's protection against any Justice Department snooping into his other

continued over

ROCKWOOL
Grodan
PLUS
DRIP EMITTERS
OR
EBB & FLOW

LET DAVID HELP YOU SELECT THE RIGHT LIGHT & SYSTEM TO FIT YOUR NEEDS

DAVID'S
BEST
YIELD
SYSTEMS FROM
\$5.9

AGS INC. STORES:
CHICAGO
C.I.G.S.
108 N. BARRINGTON RD.
STREAMWOOD, IL 60107
(312)289-4545

CINCINNATI
OPENING SOON

WHY BUY FROM US?

New Product Announcement
THE FLYING M® LIGHTING SYSTEMS

The Most Efficient Reflector Available *

THE FACTS SPEAK FOR THEMSELVES

FACT Geotechnology has been manufacturing horizontal reflectors longer than all the competition COMBINED.

FACT 3 feet under a typical 4 foot round reflector hanging a metal halide lamp vertically, a GE light meter reads 1400 foot-candles.

FACT With our standard HORIZONTAL REFLECTOR, that reading jumps to 2000 foot-candles — A 42% IMPROVEMENT.

FACT With the NEW FLYING M REFLECTOR that reading improves to 2400 foot-candles — A 72% IMPROVEMENT

FACT All readings are EVEN HIGHER using the high pressure sodium lamp.

FACT Horizontal reflectors take up LESS ROOM OVERHEAD. They can be MOUNTED IN CORNERS. They can be used for SIDE LIGHTING.

FACT* The Flying M is the most efficient reflector available, AND WE CAN PROVE IT. Ask for test results against other reflectors.

The Flying M Horizontal Reflector

PRICES

Standard 1000w	FLYING M	400 watt
\$198	\$257	\$138
264	323	198
-	378	319
-	525	-

360w HP conversion lamp \$65
940w HP conversion lamp \$130

Geotechnology
The "high tech" lighting company
1035 17th Avenue
Santa Cruz, CA 95062
12 years in business manufacturing horizontal lighting systems.

HALIDE SYSTEM
HP SODIUM
HP/MH 400w combo
HP/MH 1000w combo

PRODUCTS: • HID LAMPS • CO₂ SYSTEMS • NUTRIENTS
• LIGHT MOVERS • NEGATIVE ION GENERATORS
• ROCKWOOL • BOOKS
HYDROPONICS • FREE TECHNICAL INFORMATION

Make EFFICIENT USE of all that power you are using. BUY the Standard or the FLYING M HORIZONTAL LIGHTING SYSTEM. You CAN'T LOSE with our MONEY BACK guarantee.

TOLL FREE Outside of California (800) 346-2321
Within California call (408) 479-9981

Write NOW for a FREE catalog, and we will include a list of FREE TECHNICAL PUBLICATIONS. © Geotechnology 1988

Indoor Marijuana Horticulture



Jorge Cervantes

#1 Bestseller!

The book all indoor growers must have. It is the most complete, authoritative, up-to-date book on indoor marijuana cultivation ever!

This 288 page edition is profusely illustrated with over 250 photographs, drawings and graphs. Packed full of information on grow rooms, grow lamps, electricity, container gardening, water, fertilizer, hydroponics, air, CO₂, bugs, fungi, cloning, harvesting, breeding and a garden calendar, index and glossary. \$16.95 + \$3 S&H = \$19.95.

Books-by-Phone, PO Box 522, Berkeley, CA 94701
(800) 858-2665 Nationwide
(800) 922-2665 in California

35mm Color Prints and Slides from the same roll

Seattle FilmWorks has adapted Kodak's professional Motion Picture film for use in your 35mm camera. Now you can use the same film—with the same microfine grain and rich color saturation—Hollywood's top studios demand. Its wide exposure latitude is perfect for everyday shots. You can capture special effects, too. Shoot it in bright or low light—at up to 1200 ASA. What's more, it's economical. And remember, Seattle FilmWorks lets you choose prints or slides, or both, from the same roll. Try this remarkable film today!

©1985 SFW

\$2 INTRODUCTORY SPECIAL

RUSH me two 20-exposure rolls of Kodak MP film for my 35mm camera. Enclosed is \$2 for a 2-roll starter pack including Eastman 5247® and 5294®

071

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

Mail to: Seattle FilmWorks, 500 3rd Ave. W. P.O. Box C-34056, Seattle, WA 98124

Kodak, 5247, and 5294 are trademarks of Eastman Kodak Co. Seattle FilmWorks is wholly separate from the manufacturer. Process ECN-II.

LAYIN' LOW & HIDIN' OUT

HOW TO DISAPPEAR COMPLETELY AND NEVER BE FOUND, by Doug Richmond. This book tells you how to pull off a disappearance, and how to stay free and never be found. It analyzes all the ways you could be traced by the Feds, private eyes, skip tracers, bounty hunters, etc., and tells you how to evade their pursuit and stay free. 5½ x 8½, 107 pp, soft cover. \$12.00.

NEW I.D. IN AMERICA, by Anonymous. A step-by-step guide to getting any kind of I.D. you want — birth certificate, drivers license, social security card, credit cards, even a passport — in any name you want. The author is a private investigator who specializes in this field and he reveals his secrets for you to use! 5½ x 8½, 120 pp, illustrated, soft cover. \$15.00.

THE BIG BOOK OF SECRET HIDING PLACES, by Jack Luger. We've all got something to hide, don't we? From police, burglars, nosy neighbors, etc. This huge new book covers all sorts of hiding places in the home, in your car, on your person, and more. How to beat search dogs and metal detectors, how to conceal weapons, and more. 8½ x 11, 128 pp, profusely illustrated, soft cover. \$10.95.

LOOMPANICS UNLIMITED
PO Box 1197, Port Townsend, WA 98368

Please send the books I have marked above. I have enclosed \$ plus \$3.00 for shipping and handling.

Name _____
 Address _____
 City _____
 State _____ Zip Code _____

DETECT PLANT SEX

Don't Waste Growing Space.
 Get Rid of Male Plants.

GROW ONLY FEMALE PLANTS

Each Female Plant Detection Kit Contains Everything You Need to Detect the Sex of Ten Plants.

WORKS ON • Just Starting or Full-Grown
 ALL PLANTS • Outdoors or Indoors
 • All Seasons

**100% EFFECTIVE
 SATISFACTION GUARANTEED OR YOUR MONEY BACK**

RUSH ME 4 KITS \$19.95
 8 KITS \$34.95
 1 KIT \$7.95 20 KITS \$79.95
 2 KITS \$13.95 100 KITS \$345.00

NAME _____
 ADDRESS _____

Diesel Botanical Research and Study Group
 P.O. Box 7665, Stanford, CA 94305

NOW AVAILABLE IN EUROPE, TOO.
 Ask for one at your local shop.

ONE MAN'S DOPE

continued from previous page

moneywashing activities; that while he was personally pleased, as a patriotic Cuban-American *gusano* himself, to be helping out these romantic anti-communist freedom fighters, he was never under any delusion that the contras would really ever get anywhere in Nicaragua.

I suppose we should be grateful these billionaire South American crooks don't appear to have any political aspirations more ambitious than controlling Colombia (just out of self-defense), merely so that Uncle Sam will never be able to fling them into jail where they belong. And so they sponsor World Cup-quality *futbol* teams and cross-country bicycle marathons, just like Hancock used to entertain the Bostonians with glorious fireworks displays and free Madeira for all. And Cartel kingpin Jorge Ochoa even subsidizes low-income housing projects, without making a big deal out of it, because everybody else in the Cartel is ferociously right-wing. Altogether, though, they appear to be generally non-ideological, which is something to be thankful for, for sure. A couple of years back, when Carlos Lehder imbibed enough of his own merch to conceive of a glorious ambition to take over Western Civilization with a sort of Lyndon LaRouche political theology, his soberer co-conspirators just served him up to the Drug Enforcement Administration for extradition to South Florida.

So these are not the people I'm worried about. What's bothering me is the idea that eventually, if that Senate Committee on Terrorism and Narcotics carries on the way it's been going, some of their staff people are going to arrive at a pretty comprehensive picture of where those Medellin billions have been invested in the States, who the various money people are that accepted it, and how many ultra-respectable politicians they've bought with it on the local, state, and federal level. Not even the guys in Medellin know how far their filthy money has wormed into our financial and political institutions, you can be sure of that. So the first people to unravel it all—these Terrorism and Narcotics people—are going to enjoy the choice of exposing it all and touching off a scandal that could destabilize the country like none other before it, or simply to blackmail all these rich and powerful people into pursuing their political agenda, whatever it might be.

If that happens, you can expect a lot of rewriting of history even as it unfolds. Ramon Milian Rodriguez might come out smelling like John Hancock. Hell, I might wind up with a few nice words to my own credit, in the fullness of time. ●

JOIN THE FREEDOM BRIGADE!



Rather than collect taxes on legal cannabis, this administration wants to spend \$6.6 billion waging an unwinnable war on drugs, a war that ignores the two most dangerous drugs in America, alcohol and tobacco. Fight back by subscribing to HIGH TIMES, and by attending public protests this fall.

CALL TOLL FREE FOR ORDERS ONLY

800-435-0751



In Ill. 800-892-0753



Payment enclosed

MasterCard Visa
Card # _____

Expiration date _____

Signature _____

UNITED STATES

- 1 YEAR \$29.95
 2 YEARS \$54.95

CANADA & FOREIGN

- 1 YEAR \$37.45
 2 YEARS \$68.95

HIGH TIMES

SUBSCRIPTIONS
P.O. BOX 410
MT. MORRIS, IL 61054

Name _____

B1558

Address _____

City _____

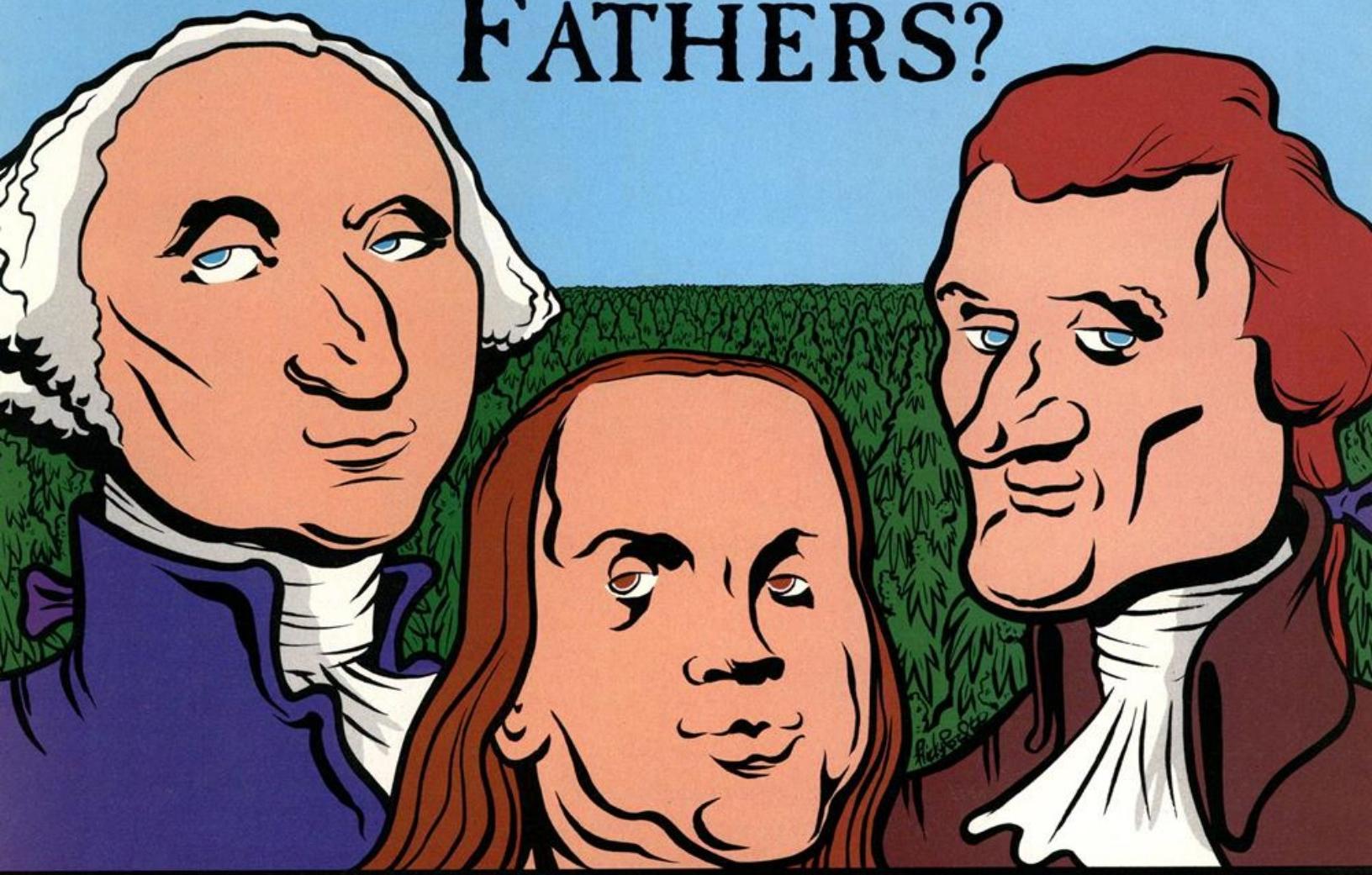
State _____

Zip _____

PLEASE PAY IN U.S. FUNDS—ALLOW 6-8 WEEKS FOR DELIVERY.

We know they grew pot, but did they smoke it? Maybe they were the...

FLYING FOUNDING FATHERS?



Hemp
in
Colonial
Times



by Peter Gorman

Maybe not, says Peter Gorman, but it was certainly one of this country's most important crops during the Colonial Era. Washington was a fanatic seed collector and grower of cannabis; Jefferson, another cannabis farmer, invented a machine to reduce the labor involved in farming the plants; Franklin begged the British Parliament to allow the colonists to keep their cannabis crop rather than turn it over to England.



When Harry J. Anslinger, then head of the fledgling Federal Bureau of Narcotics, finally ramrodded Congress into passing the Marijuana Tax Act of 1937, he effectively halted the commercial use of one of the oldest and most versatile plants on the planet. Our founding fathers must have spun over in their graves. After all, they had gone to great lengths to establish a cannabis industry in this country.

It's not hard to imagine how our founding fathers might have reacted to a screening of Anslinger's bug-eyed propaganda film *Reefer Madness*. They would have seen it for what it was: a film bent on preaching the evils of smoking cannabis while completely ignoring the hundreds of other uses the plant has provided for thousands of years.



CANNABIS IN THE NEW WORLD

Cannabis was introduced to the New World in 1545 when Spain tried—and failed—to cultivate a commercial crop in Chile. By that time it had become indispensable to the Western European powers in the construction of their ships: "No other fibre . . . could be transformed into sails, ropes and hawsers which would be as long lasting when subjected to frequent contact with salt water." Cannabis became essential to the English with the expansion of their navy late in the 16th century," and, while they were able to produce some of what they needed, the bulk of their supply came from the Baltic States. But access to those states was sometimes threatened and barred by enemy countries. Consequently, a source of fibre under English control was desirable and it seemed that the new colonies in America should contribute to the welfare of the mother country by producing hemp.

The colonists, however, didn't feel the same way. While they grew hemp for a variety of household and farm uses—heating oil, cloth, rope—they didn't have the manpower for the production of hemp at a commercial level.

During the early years of colonization, both the British and local assemblies tried to legislate the growth of a cannabis industry. In 1611 James II ordered Virginia colonists to plant cannabis. In 1619 the first Virginia general assembly did the same and

Page Smith, Ph.D., former Provost of Cowell College and noted historian of Colonial and Revolutionary America

The United States of Colonial America was a high-stress society. The high state of anxiety was characteristic of Americans from the time they stepped on Plymouth Rock, and the results were that in every generation Americans were taking some kind of drugs, mostly alcohol, and at other times various drugs. I think you can say with confidence that Americans have been addicts since 1615, of one substance or another. That made the problem of being an American a little less anxiety producing or strenuous.

I'm not sympathetic with the general theme of HIGH TIMES and I'm not an advocate of marijuana, but that's a different issue. The fact that there has always been a very high percentage of Americans who are addicts is simply a fact of our past that interests me very much. In one of my books I quote George Templeton Strong, a New York lawyer in the 1840's as saying a lot of men in his class were smoking some form of marijuana and sniffing chloroform. And after the Civil War a lot of soldiers were addicted to the morphine they'd been given to relieve pain. By the late 19th century there was a scandal with cocaine. But the overwhelming substance abuse in this country has always been alcohol. Whole communities disintegrated because alcoholism was so endemic.

Why Hemp is Disregarded in the history books:

As to the historical importance of hemp in this country, I think the way history is written today, by academic historians in highly specialized areas, a lot of the most interesting things about our past simply fall through the cracks. And I think this is one of them. I don't think there's been any inclination to conceal anything or cover up anything because it was considered discreditable. ●



other colonies followed suit. In 1635 the first rope-walk, a factory for the manufacture of hemp products, was opened in Salem, Mass., but the lack of hemp in the colonies forced the owners to import all of their raw materials. Through the remainder of the 17th and well into the 18th century, the industry was promoted with only moderate success. Bounties were offered, legislation passed and hemp was even made legal tender in several colonies but England still wasn't provided with the hemp she desired.

According to cannabis historian Mike Aldrich, "England tried to promote a hemp industry—not a marijuana industry—in the colonies. They grew the hemp in the United States and then shipped it back to England where it was processed into ropes, sail cloth and so forth. The British wanted to make all the money, while the Americans did all the work."

With the importation of slave labor, the industry began to grow. But so did America's needs. We, after all, had to build our own shipping industry, along with clothing millions and running factories. All of which demanded greater and greater amounts of cannabis on the homefront. In the mid-18th century, Britain, furious that the colonies had still not enabled her to become self-sufficient, sent for Ben Franklin to explain the situation.

In his speech before the British Parliament, Franklin asked: "Did ever any North American bring his hemp to England for these bounties? We have not yet enough for our own consumption."

England never became self-sufficient in hemp imported from the colonies. By the time Washington and Jefferson were cultivating it, the colonies had become the United States.

YEAH, BUT DID THEY GET HIGH?

The history of cannabis in nearly every country which cultivated it includes some awareness of its narcotic potential. Anyone who has ever farmed cannabis knows that just being around the plants can sometimes be intoxicating. From that point of view it's difficult to imagine that the colonists *didn't* know about getting high. Not necessarily from smoking—there is simply no literature at all to suggest that cannabis was in any way smoked by the colonists. On the other hand, Marcandier's *Treatise on Hemp*, published in Boston in 1766, says that tea and wine made from cannabis were intoxicants, and that even when used externally as poultices, the odor was so strong it not only numbed but intoxicated.

The other side: 1) The cannabis was grown for fibre, not narcotic in this country; 2) Alcohol was the drug of the day, supplemented by legal, available opiates, as well as tobacco.

Among our founding fathers, Washington and Jefferson were both farmers who dabbled in cannabis, though neither grew it extensively. Franklin started the first printing press in the country and therefore worked with hemp-as-rags in the manufacture of his paper.

There's a story about Franklin's having gone to China and smuggled out the precious cannabis *Indica* seeds, though it is not actually written anywhere that dates to his time. It's not impossible that the story is true, but neither is it verifiable. On the other hand, it's known that he suffered from gout and in all likelihood used laudanum—an opiate—for pain. Mike Aldrich says that "the only reliable pain killer in the 18th century was

opium. It was universally used. It was the most popular remedy for everything from gout to neuralgia to ticks in your face." (Mike suggests reading Barge and Edwards: *Opium and the People*, published by Yale University Press, 1987, for a complete history of this drug.) Still, even Franklin's use of opium is undocumented, though it makes sense that he would have used it.

As to Washington, there are several mentions of hemp and hemp seeds in his writings. Like Jefferson he was "wild about anything that could improve agriculture in the Americas, anything that could make us independent of European products," and he evidently placed hemp reasonably high on his list of those products. But his interest seemed more geared toward creating a seed bank than the actual production of hemp fibres. In Volume 33 of the *Writings of George Washington* (published by the U.S. Government in 1931) he speaks of both Indian hemp seeds and New Zealand hemp seeds as being of particular interest to him. In a letter to his caretaker William Pearce (1795) he writes: "Presuming you saved all the seed you could from the India hemp, let it be carefully sewn again for the purpose of getting it to a full stock of seed." In 1796 he writes, also to his caretaker: "What was done with the seed saved from the India hemp last summer? It ought, all of it, to have been sewn again, then not only a stock of seed to be sufficient for my own purposes might have been raised, but to have disseminated the seed to others as it is more valuable than the common hemp."

In the same year he writes to Sir John Sinclair, an agricultural specialist, that "certainly no good reason can be assigned why the hemp of New Zealand should not thrive with us as that country lies at about the same southern latitude that our middle states do in the north. The hemp of the East Indies grows well here from my own experience."

Washington, unfortunately, wasn't much of a farmer. His lands were said to contain the only unfertile land in all of Virginia—a condition which prompted him to experiment with crop rotation (too bad he never included hemp in the rotation as it's now known to be the best soil enricher we've got!).

As to his habits, he makes no mention of smoking anything but tobacco. In Flexner's *Biography of Washington*, he is said to have "gone through a period when he smoked the superfine tobacco he grew on his own plantations in long-stemmed clay pipes which he bought for himself and his friends by the gross." Other than that he's said to be reasonably indulgence free: "Washington could handle sex and liquor like a well-adjusted man. But gambling was another matter. It had been his favorite sport of his young manhood and, in later years he denounced gambling with a vehemence that seemed to reflect continual yearning for his old, exciting vice."

For his troops he recommended a little liquor. Writing to Congress on the subject he says, "I beg you to remember... the benefits to be derived from the moderate use of strong liquor have been experienced by all armies and are not to be disputed."

Jefferson, unlike Washington, would be the more likely candidate to try smoking cannabis if he knew of it. He was certainly more open-minded and free-wheeling than the dour first President. But in all his papers there's not a single reference to dope smoking, though there are numerous mentions to hemp as a fibre plant. On page 95

Michael Aldrich, Ph.D., Curator of the Fitz Hugh Ludlow Memorial Library and noted Cannabis Historian

During the colonial period you got occasional accounts of British soldiers and officers smoking hookas and feeling giddy and laughing a lot, but the reports are few and far between, and they're regarded as sort of quaint folktales rather than anything that would be of interest to the British upper classes.

The Portuguese were more accurate. They had a doctor over there in India who grew marijuana in his own garden in 1563. His name was Garcia D'Orta, and he wrote a brilliant description of marijuana intoxication from what he grew. It wasn't until 1839 that Sir William B. O'Shaughnessy, an Irishman in the British Army Medical Corps, sent back the first reports in English literature about the drug and medical use of marijuana and that started the whole 19th century explosion of marijuana work.

On use of marijuana by slaves in colonial times:

Central and Western Africa—the source of many of the slaves—had long traditions of marijuana use. In Central Africa you could take marijuana religions back several hundred years, at least, and, since many of the slaves were first or second generation Africans I would think many of the slaves would know about that. But if they actually smoked it while they were on the plantations in America, I think that would be kept a secret. It might account for a lot of the cultural differences between whites and blacks. If the slave half of the plantations were smoking dope and singing songs and making music and pounding drums and having very different church festivals and ceremonies than the white half, that would be an interesting way to account for cultural differences.

On the arrival of Indian indentured servants mixing with black slaves:

Many Indians were brought over by the British land owners in the 19th century and treated just like black slaves. And where they were mixed especially was in Jamaica. And for that reason, that mixing, that's why you call marijuana in Jamaica ganja, which is a Hindu word. That's why you call a pipe in Jamaica a ganja pipe, and why good class ganja is called Kali Ganja—from the goddess Kali—or black ganja, which was Kali's color. ●



JAN. 11-14, 1705

"Arguments offered to the inhabitants of New England and other provinces under English Dominion in the Northern Parts of America to encourage the sewing of hemp:

1) There is full and sufficient land between all the the provinces to do it... there are people enough at present to do it.

2) These countries would save many thousands of pounds per annum which are now spent on hemp and the produce thereof, and have a very acceptable commodity to increase their earnings.

3) It is a commodity of which there cannot be too much produced. There is no fear of glutting the market.

4) It would find employment for vast numbers of people... for being kept at work (they) would be so far from being a charge to the public.

5) It might be managed to answer the rates and taxes in their countries.

6) It would produce more profit to the farmer than corn with as little labor.

7) Those who have trade stocks might be promoting this commodity to more good to the public and trade with more security."



of his *Farm Books* he mentions that "a cotton warp and hemp filling make the best linen for negroes." Later, in a letter to Charles Wilson Peale from Monticello dated March 21, (18)15, he writes that he has modified a threshing machine to make hemp-braking less laborious "as we clothe ourselves chiefly and our laborers entirely in what we spin and weave in our family."

Still, a few rumors about cannabis smoking persist. One is a supposed letter from Washington to Jefferson while he was with his troops during the war. In it, Washington apparently claims that he's found some particularly good smoking hemp along the side of a road. If the letter exists, neither Mike Aldrich nor HIGH TIMES can find it.

A second letter, this from Jefferson to Washington, claims that in a postscript Jefferson notes that he has included "a new breed of hemp in the diplomatic pouch for the examination of the first President. I trust it will prove a delight to your pipe and mind." The letter is supposed to have been included in the Flexner biography of Washington, but isn't. The letter could conceivably exist, but if it does it would be the only reference in either man's collected papers which suggests smoking cannabis, an unlikely chance at best.

The most persistent rumor of the founding fathers interest in cannabis as an intoxicant appears in Washington's diary.

"May 12-13, 1765: Sewed hemp at my hole by swamp."

"Aug. 7, 1765: Began to separate the male from the female. Rather, too late."

While on the surface this looks like sexing for sinsemilla, in fact it was the standard operation of the day. Male plants were commonly separated after shedding their pollen. Jefferson includes a note on this procedure in his farm books: "As soon as the male plants have shed their fauna, cut them up, that the whole nourishment may go to the female plants. Every plant thus tended will yield a quart of seed." Similar comments appear in Quincy's *A Treatise on Hemp Husbandry* and several other texts of the day. The males were used to make soft fibre, the females for seed and coarse fibre, and the 'rather too late' reference would more likely represent Washington's having lost a good crop of male plants to toughening, as well as a good crop of seeds from female plants which didn't get enough sunlight, than an interest in sinsemilla.

Mike Aldrich has found one other reference which he thinks might indicate at least an awareness of the intoxicating powers of cannabis among Washington's papers. In George Washington's *Writings* (Vol 33, page 433) he finds this quote in a letter to a doctor friend in Scotland: "I thank you as well for the seeds as for the pamphlet you had the goodness to send me. The artificial preparation of hemp from Silesia is really a curiosity."

According to Aldrich: "The key word there is 'the artificial preparation.' Silesia is part of present day Poland and for as far back as anthropologists can find out they've made these little hemp-seed cakes and all kinds of sweetmeats and candies from marijuana in Poland. They're popular at weddings and ceremonial occasions when everybody wants to get a little giddy. And Washington's talking about this 'artificial preparation' may mean he ate some of this. Although I fail to see how it could retain its potency very much after having been shipped from Scotland and from Silesia."

Of course, the possibility exists that African slaves who'd come from regions where cannabis was smoked knew about the psychotropic properties of the plant they were farming, but it's not certain that they would have turned on the plantation owners. In all likelihood, if cannabis were smoked in this country during the colonial days it was not done by those men whose lives we have records of. But it was important to the colonials for hundreds of other uses and every time I think of Anslinger and his Reefer Madness I can't help but think of Washington, Jefferson and Franklin spinning in their graves. ●



DICK HOOLE

HEMP: a common name for Cannabis Sativa, a herbaceous plant of the family Cannabinaceae, which yields fibre, oil and a crude narcotic drug. From the Greek, kannabis. The names given the plant in its various countries are of interest: in Latin: cannabis; in Sanskrit: goni sama shinapu; in Bengali: kunga; in Persia: bhang kan; in Arabic: kenu kenu; in Russian: konobel.

The process of obtaining fibre from hemp involves separating the white bast fibres from the woody part of the stalk. The cannabis is grown to a height of between five and ten feet before it is either cut or pulled from the ground. It is then left to rot, the term for which is *retting*. Retting is done either by allowing the stalks to rot in the fields (dew retting) or by immersing the stalks in water (water retting). Once decomposition had begun the stalks are crushed between wooden rollers (*braking*). This done the useful fibres are shaken free of the broken woody stalk, cleaned and bundled for use. The bits of broken stalk remaining after the process of fibre separation are called *hurds*.



HIGH TIMES INCREDIBLE JULY 4 HOW HIGH DID THEY FLY CONTEST!!!

We're looking for the best, most outrageous, funniest stories you've ever heard, told, or dreamed up about our nation's leaders getting high! Did Nixon really share bong hits with his dog Checkers on the White House Lawn? Did Teddy Roosevelt make his Amazon trip in search of Ayahuasca and Nu-Nu? Is Reagan popping 'shrooms on those desert horse rides with Nancy? You tell us! We wanna hear it! We're even offering prizes for the best of them!

THE RULES:

- 1) Write, print or type your story on a piece of paper.

Make it legible!!! If we can't read it, you can't win!

- 2) Keep it short.

- 3) Send your story to

HIGH TIMES

211 E. 43 St.
NYC 10017

- 4) Keep a copy! We ain't returnin' nothing!

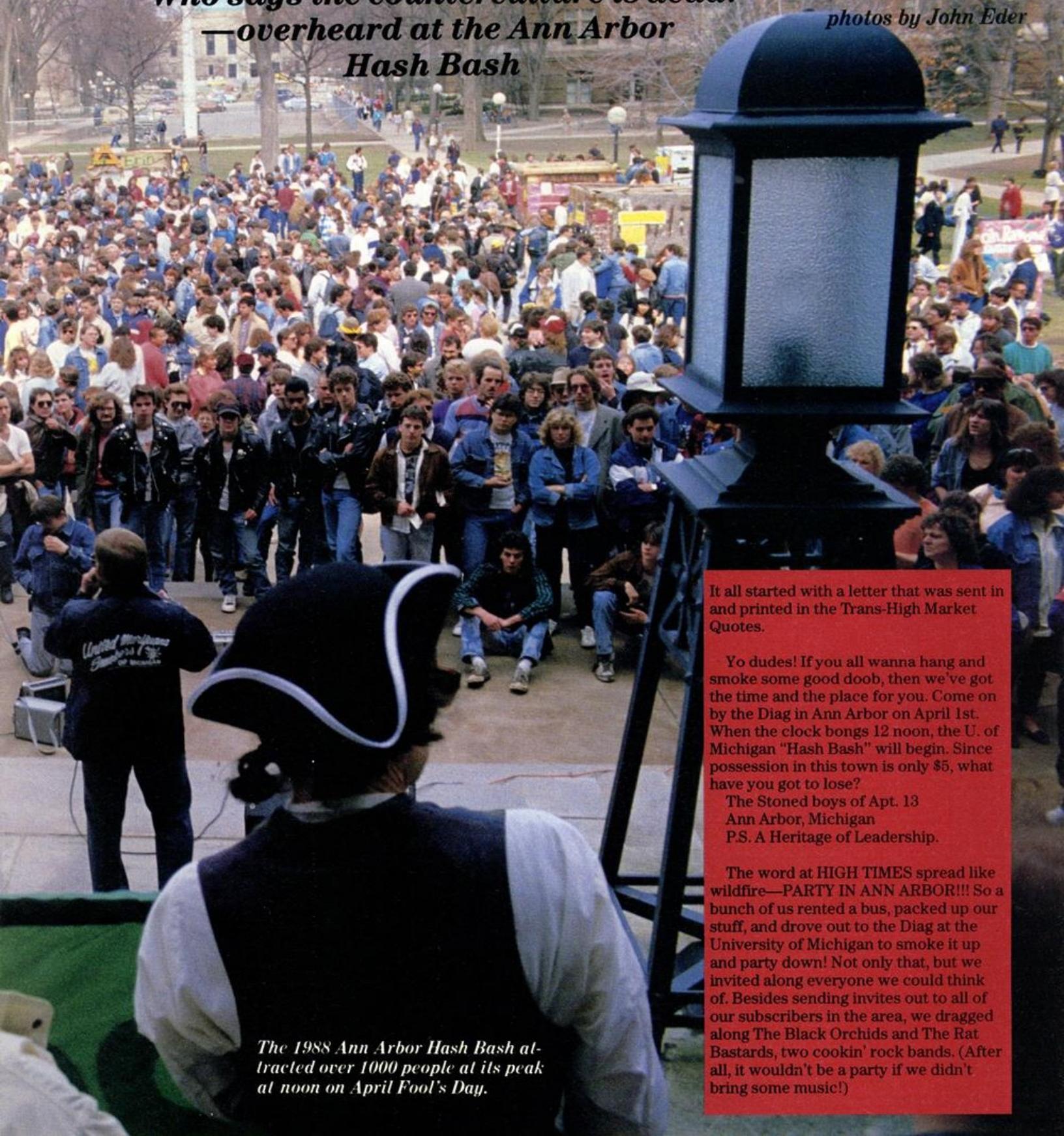
So what's in it for you? We'll print the best and send t-shirts to the winners and first 5 runners-up! So what are you waiting for? We got deadlines! Get on it, 'cause we've got to have this stuff by September 30, 1988!



HASH BASH '88

**"Who says the counterculture is dead?"
overheard at the Ann Arbor
Hash Bash**

by Buford Bosko
photos by John Eder



The 1988 Ann Arbor Hash Bash attracted over 1000 people at its peak at noon on April Fool's Day.

It all started with a letter that was sent in and printed in the Trans-High Market Quotes.

Yo dudes! If you all wanna hang and smoke some good doob, then we've got the time and the place for you. Come on by the Diag in Ann Arbor on April 1st. When the clock bongs 12 noon, the U. of Michigan "Hash Bash" will begin. Since possession in this town is only \$5, what have you got to lose?

The Stoned boys of Apt. 13
Ann Arbor, Michigan
P.S. A Heritage of Leadership.

The word at HIGH TIMES spread like wildfire—PARTY IN ANN ARBOR!!! So a bunch of us rented a bus, packed up our stuff, and drove out to the Diag at the University of Michigan to smoke it up and party down! Not only that, but we invited along everyone we could think of. Besides sending invites out to all of our subscribers in the area, we dragged along The Black Orchids and The Rat Bastards, two cookin' rock bands. (After all, it wouldn't be a party if we didn't bring some music!)

We thought everything was set up to be a cosmic gas when tragedy struck. Only a few days before we left, Rich Birkett, who was helping to organize the Bash, was being held without bail on a misdemeanor possession charge until sentencing. (See this month's NORMLIZER, on page 23, for the lowdown.) Although the Hash Bash is a spontaneous act of civil disobedience that happens every year on April Fool's

Day, formal permission for a public address system has to be acquired, the speakers have to be organized, and the NORML fundraiser concert has to be planned, all of which is a lot of work to do for free. While we didn't let Rich Birkett's unjust imprisonment stop us from having a good time, it put a damper on things, and created a lot of last-minute running around.

We made our entrance to the Diag in

grand style. Our own psychedelic cook, Chef Ra, led a procession of freedom fighters (including Dr. Indoors, The General, Flick Ford, and Steve Hager) down the street, while pounding out a rhythmic beat on drums and cowbells. The locals really freaked out when they saw us coming, let me tell you! By the time we hit the Diag, the party was in full swing, with everyone lighting up and having a great time! We got great





Chef Ra whips the crowd into a frenzy!

cooperation from the man upstairs, 'cause he made sure it was a beautiful spring day and nobody's pot would get wet or anything.

Mark Amicone, charter member of the University of Michigan NORML chapter (and who helped organize the Bash after Rich was jailed), announced the arrival of the HIGH TIMES crew. He began by reading the banner, and saying, "Pot is Legal! It's ironic! That's a joke, 'cause this is April first, but I don't know why it should be a joke. As far as I'm concerned, it's legal." He then introduced the first speaker of the day, Jon Gettman, the national director of NORML. (See sidebar on page 42 for a transcript of his speech.)

The most interesting, and frightening, incident of the day occurred when a noisy intruder tried to take over the public address system during Jon Gettman's speech. Since the crowd was assembled peaceably, few people moved to prevent

him. It took a militant, anonymous former yippie (who later rallied the crowd with a little speech of his own) to force the rather rude heckler away from the microphone and restore order. Some people wanted to yell at the guy, some laughed, some whooped it up, and others chanted, "Let him talk! Let him talk! Free speech! Free speech!"

"Everyone settle down," Gettman shouted. "Leave him alone. Listen, we all have a right to free speech, and so does this gentleman. And I respect your opinion, sir, and I understand what you feel about drugs."

Apparently, this wasn't enough for the anti-drug menace whose sole purpose appeared to be disrupting a peaceful pot protest. The guy started shouting that everyone at the Hash Bash should be thrown in jail! No one could really hear him, though, because the crowd continued to roar.

At this point, the media swarmed on

Although it was difficult for Hash Bash organizers to get an okay for a public PA system, people crowded around to hear the rally against pothibition (above left).

NORML spokesperson Jon Gettman (at left) was interrupted by a very rude heckler who stole the mike away. An anonymous former yippie agitator then proceeded to toss the maniac off the speakers' platform and away from the Hash Bash festivities. "I used whatever force was necessary to prevent him from impinging on the rights of the audience," the activist said later. The heckler was unharmed.

the agitated agitator to find out what he had to say, so I followed him, too. His name was Oscar Diano, and he spoke in a broken English with a European accent. "I want to express my opinion! This is free country, yes? My opinion is that drugs will kill yourself. You start with this drug, then you go to another drugs, and I have experience with drugs, I have experience in my own country."

Then, when more reporters started asking questions, he waved them off, saying, "No, I want to talk over there!" and started to stalk away.

I followed him, asking, "Did you want to talk, or did you just want to disrupt the proceedings?"

"NO!" he spewed, and began to rant and rave like a lunatic. "I want to say over THERE," he stated petulantly. "I want to go over THERE and speak over THERE."

If anyone needed a few drugs to calm down, it was this loony. Satisfied that I didn't miss any lies he might have for the establishment media, I returned to the rally. I was in luck! Ed Rosenthal, the "guru of ganja," had just started speaking.

"Last year," he said, "360,000 people were busted for marijuana in the United States. (Loud boos.) The government confiscated half a billion dollars in property from marijuana smokers. From people who were driving a car while smoking a joint. From people who were smoking in their houses. From people who were cultivating a small garden. WE'RE NOT GONNA TAKE THIS SHIT ANYMORE!" (Here, the crowd erupted into wild cheering.)

"You know that PUNK who came up here and tried to grab the microphone? That's the kind of shit we have to deal with. And we're not gonna take it. People talk about which minority is the most oppressed minority in the United States. They say, 'Well, is it the blacks, the chicanos, or the Asians,' or whatever. NO! It's people who want to live a



An Excerpt from Jon Gettman's speech

"It's great to see you all!" John shouted. "We're here for a lot of different reasons today. A lot of people think that because this is April Fool's that this is some kind of a joke. It is no joke because we're very serious about what we're up to and what our intentions are. I want to remind you all about the role of the fool in the royal court in the days of old. You see, the fool was the only person who could speak the truth without fear of retribution, about being uptight about his job security or his life. The fool could speak his mind. So maybe we are all fools today because we're going to speak the truth, and that is that we believe that marijuana should be legalized. (Wild cheers) And that we are not criminals, in the use of marijuana.

"Now a lot of people are very, very upset and anxiety-ridden and concerned about the drug problems in America today, and we are concerned as well. We seek to join the rest of the country in finding some consensus, some compromise that will enable us to work together and to solve these drug problems. And one of the biggest problems is that you can go to jail for the use of marijuana. And that is a detriment to a sound drug policy, and that is in the way of any other more serious progress in fighting drug abuse. But a lot of people get very upset about marijuana use. They blame us for their problems that they can't solve. They try to use us as scapegoats. And they try to explain that we don't have First Amendment rights, and we don't have privacy rights. And then they get upset when we use those rights to speak up for ourselves and try to become involved in community debate.

"Now, Rich Birkett is the man who's organized this protest year after year. Rich Birkett is in jail. He is in jail today because of this protest, because a judge thought that this was wrong for him to be exercising his rights, and perhaps by keeping him in jail, he would discourage you from exercising your rights. And we're all here today to tell Ann Arbor, and to tell that judge, and to tell Rich Birkett, that we are going to stand up for our rights, and we are going to use those rights to change the marijuana laws.

"In Washington D.C. we're going to have another protest, and that one is going to be at the Internal Revenue Service, and we're going to point out that this is the only group of Americans who are willing to pay higher taxes because we are willing to pay a small tax on legal marijuana to get the cops off our backs, to get our cases out of the criminal system, and our people out of jail. And we would gladly contribute a small amount of the vast sums of money spent

on marijuana to deflate that market and to have a more sane economy involving the growth of marijuana and its contribution to America. And we also think that marijuana funds ought to be used to provide drug treatment for the problems of cocaine and heroin. Right now, there's a six-month wait for a cocaine addict who decides that he wants to get treatment, that he wants to get rehabilitation, and has Ronald Reagan done anything about that? NO! Ronald Reagan wants to give money to cops. Ronald Reagan wants to give more money to the national security state. Ronald Reagan wants to give more money to the DEA and to the Coast Guard. But when it comes to drug treatment centers and educational programs, things that really work in fighting drug abuse, Ronald Reagan says, 'Oh, we can't spend that money, the government's broke, we have a deficit, those funds have to be cut.'

The biggest contribution I think legalizing marijuana would have to fighting drug abuse is providing the funds we need to respond to citizens' right, a right to have treatment. There are over 500,000 heroin addicts in this country, and we can do a lot more for those people by providing them treatment than we ever will by throwing them in jail, and throwing marijuana smokers in jail after them."

(At this point, a raving lunatic ran to the speakers' platform and grabbed the microphone away from Jon, and began yelling, "You are wrong! You are absolute wrong! You are killing yourself! You are killing your—")

After the maniac was subdued, and cooler heads began to prevail, Jon called for "Quiet!" The maniac began shouting that all drug users be thrown in jail.)

"Sending people to jail is not going to help them with their problems. There are people who smoke too much pot. We all know that! Sending them to jail is not going to help their problems. We're talking about money for drug treatment. And that's where we're at. And we respect free speech. And we are here because of free speech and we are here to exercise our First Amendment rights. And we deserve to be heard as well. And we are going to have other protests throughout this country. This year, next year, in the upcoming years, to see that you people have a voice in the national debates, and that emotionalism and hysteria and the irrational positions on drugs aren't used to deprive you of your rights. That's what we're here to do today, is speak up for your rights and stand up for your rights, and that's what NORML's going to do until we get this job done." ●

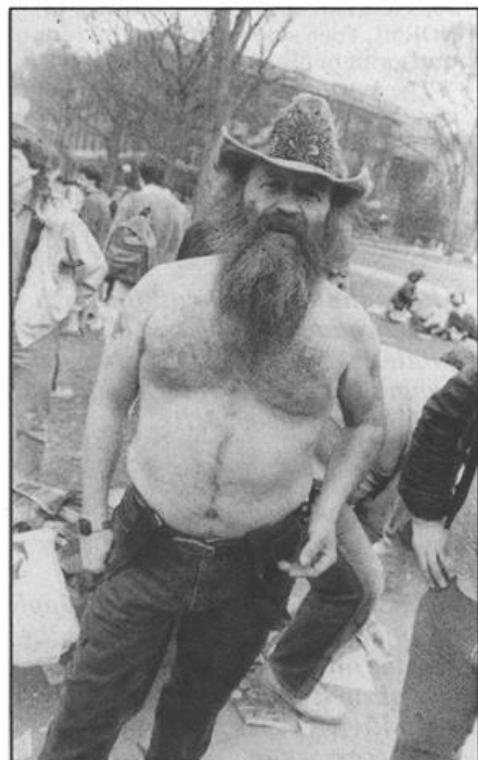
lifestyle that's out of the corporate structure! (Wild cheers) And that's exactly what marijuana represents to the establishment. People who don't fit into their square pegs!

"Twenty years ago, in 1967, I was sitting in a room on the Lower East Side of New York City and people were talking about when marijuana would be legal. And they said, 'It will be legalized in five years,' or 'It'll be legalized in ten years.' But nobody thought, NOBODY thought that twenty years later, twenty-one years after Sgt. Pepper, that marijuana would still be illegal. And let's look at this—some of you very people were conceived that very summer! The Summer of Love in 1967! AND STILL IT'S ILLEGAL!

"They want to make us all into outlaws, they'll have a whole outlaw society on their hands, a group of people that's outta their control, because the only way that you can regulate a substance is by legalizing it. And now, they have to legalize it. They have to legalize it for a lot of reasons. But the most important reason is they're making the United States into a police state over a few joints. (Applause and cheers)

"I can't go on here, because there's nobody up here smoking a joint with me. Is there somebody here with a joint? One person."

At this point, a smoker passed a joint up to Ed, and while he toked, the smoker went back to the crowd. "Hey!" Ed barked. "Come back here! Come back here!" Ed made him come back and smoke the rest of the joint with him, to



The Poet...

the cheers of the crowd. "Hope you're over twenty-one," Ed said with a smile.

More speeches followed, rallying the troops behind Libertarian candidates like Ron Paul (the former congressman from Texas who represents the only realistic presidential candidate who is advocating legalization of marijuana), and the Michigan senatorial candidate, Dick Jacobs, the Libertarian candidate who also wants to legalize pot and rally them behind the unlawful imprisonment of Rich Birkett. More joints were passed around, including some monster spliffs that wowed the crowd!

After the speeches, the crowd settled down into party mode. Although official reports estimated the crowd at around only 500, let me assure you that throughout the afternoon more than 1500 people passed through the Diag, most of them in Hash Bash/smoking/pot protest mode.

Recording the festivities were TV news crews who, as usual, got the story wrong. They misrepresented the size of the crowd, the intent of the gathering, and ignored the fact that the organizer, Rich Birkett, was busy being held without bail to undermine the event. When I told them about Rich they said, "It seems REALLY unlikely that he's being held without bail! Isn't that still a misdemeanor around here? Even on possession, they have to set a bail within 24 hours!"

One of the best barometers of the day's success, one that really indicated to me that marijuana protest is back with a bang, was the t-shirt guy I spoke with.

continued on page 52



And the Preacher.

Chef Ra's Food for Thought Hash Bash '88

Worry not, my children, the future is not all gloom and doom. There is still light at the end of the tunnel, and Ra is gonna be there for you, to help you through those negative vibes.

Back in the late '60s and early '70s, the hippy counter-culture and the civil rights movement led America down a new road. It was time for a new direction in our lives! The political activists, musicians, painters, poets, and writers were the vanguard of a cultural/political revolution never seen before on this planet. All of a sudden, people wanted no more racial hate, war, poverty, or sexual repression. We also wanted the freedom to do psychoactive substances, to explore our minds, TO GET HIGH!!!

But how were we to achieve the freedom to get high when there were so many harsh anti-drug laws on the books? The people's vanguard had a radical answer to that question. They began to create vehicles (the alternative/underground press, HIGH TIMES) and physical, mass humanity gatherings (Woodstock, smoke-in parties) so we could act out our Culturally High Lifestyle, and protest unjust pot laws. In 1988, here at HIGH TIMES, that vanguard is STILL ALIVE AND WELL!

Hash Bash '88 was the time to rekindle the vibrations of the counter-culture that was lost in the "selfish" decade of the '80s. Hash Bash '88 brought out the "neo-hippy", the yuppie looking for new values, Vietnam Vets, brothers and sisters, and all the countercultural hippies who still exist from the "old days."

The Ra man was there with a message of peace and cultural radical transformation: "Eat and smoke the herb, I said to my people; for it is planted by the rivers of water for the healing of the nations; More Huggin', Less Muggin'!!!"

Hash Bash '88 was like a big "class reunion." As I walked around the Diag at the University of Michigan, talking to all the people, there was one overriding emotion that people expressed to me. It was a feeling that they felt lost and abandoned in the times that we live in. They were happy and surprised that we could all be together again at Hash Bash '88. The people were also freaking out that HIGH TIMES was still cookin' after all these years—they thought we were "dead"!!! But Ra said: NO WAY! HIGH TIMES IS STILL JAMMIN' ON!!

It's time for caring for one another

again, time for a readjustment of our world view and values, a return to a commitment to each other. Pot, politics, and culture were the "glue" that kept our mental sanity in the '60s, and it is time to reglue ourselves back together again.

Even the Babylonians (cops) in Ann Arbor know it's a new dawn as far as "smoking herb" is concerned. HIGH TIMES had a rock 'n' roll band from New York play at the Hash Bash. The day before the Bash they were practicing in their motel room. One of the band members needed some cigarettes, so he walked across the street, beer in hand. The cops saw him, stopped the dude, and arrested him for drinking in public. This "punk-rocker" was in trouble—he didn't have his ID. So the cops took him back to the motel room.

When the cops walked through the door, the band members were smokin' herb and jammin' down. "Aw SSShit," said the lead singer, "we're busted, baby!!! But the cops said, "Smokin' a little Green Stuff, huh? Well, don't worry, we don't care about a little green stuff, guys!!" Then the cops asked where the band was playin', and they replied, "Hash Bash!" The cops said, "Hell, we'll come down and watch you guys!" Then the cops turned back to the offending punk-rocker they caught drinkin', gave him a ticket, and said, "Hell, don't worry about payin' this ticket. You're from out of state, you won't have to pay this!!!"

Hash Bash '88! It's a NEW DAWN, BABY!

HASH BASH BROWNIES

3/4 cup of butter
3/4 cup of sugar
2 oz. of unsweetened chocolate
1/2 cup of flour
1/4 cup of peanuts
1/4 cup of walnuts
1 teaspoon of vanilla

Combine 1/4 oz. of good hash to the butter by crumbling hash into a VERY FINE DUST, then add dust to the butter. Heat butter in a cup sitting in the middle of a pan filled with water. (This method of making "Puna Butter" is designed to help those who found it hard to melt butter in the pan, as per my Puna Butter recipe, printed November 1987.) Make sure flame is low while melting the butter. Add butter, sugar, vanilla, eggs, and mix. Mix in chocolate, add flour and nuts. Pour into greased pan and bake at 325 degrees for 25 to 30 minutes. Let cool. Cut and get totally HASH BASHED!!! ●

Interview: John Sinclair Pot Was Legal!

by John Holmstrom

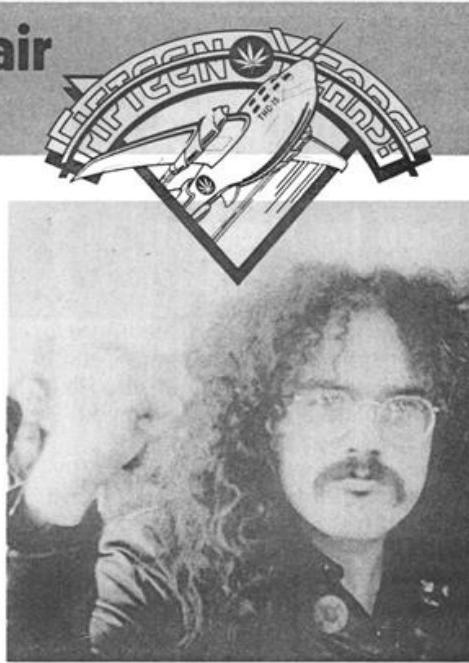
Some of the most significant events of the '60s have been almost forgotten—like the pot bust of John Sinclair, Minister of Information for the White Panther Party. His 9 1/2-to-10-year sentence for possession of two joints in 1969 was a *cause célèbre* during the "cultural revolution" of the '60s. Protests were launched and benefits (starring John Lennon and Stevie Wonder, among others) held on his behalf.

This is the first in a series of articles we're running to kick off the 15th anniversary of HIGH TIMES magazine, recognize the contributions of HIGH TIMES founder Tom Forcade to alternative media, and celebrate the surprising endurance of the counterculture.

HIGH TIMES: Who were the White Panthers, and what did they stand for?
John Sinclair: It was a group formed to support the Black Panther party, which was under attack at that time from the government. We were a bunch of hippy dope fiends and rock 'n' roll musicians operating in the Detroit and Ann Arbor area as a commune called Translove Energies. It included a couple of bands, the MC5 and the Up. The bands, myself, and others went to Chicago for the festival at the Democratic Convention. We went through a lot of problems with the police and other authorities, and started developing a militant outlook from reading things like *Soul on Ice* by Eldridge Cleaver and the Black Panther newspaper. We decided to be the ones to heed their call for a similar group among white youth. When the MC5 hooked up with Elektra Records and recorded our first album live at the Grande Ballroom in Detroit, we announced that we were going to be the White Panther Party, and had buttons printed up and passed them out at our gigs. Kids would wear them to school and get thrown out. It wasn't really an organization.

HT: How much did the rock 'n' roll scene have to do with the political and cultural activities in Detroit?

JS: Before 1966, they were separate entities. We were cultural avant-gardists—poets and jazz musicians and painters and 16 millimeter filmmakers and stuff. Ed Sanders was our mentor in the underground poetry revolution. It preceded the underground press in that there were a lot of mimeographed poetry magazines. Suddenly these tabloids started springing up and then there was an active merger of the avant garde, beatnik poetry, jazz, and the left with newer elements through the Beatles, the Rolling Stones, LSD and all that. We all got together here in Detroit



HT: What were the origins of the Ann Arbor Hash Bash?

JS: The first one was in 1972. It just appeared. There's a little background on that which has to do with my case. On December 9th of 1971, the Michigan legislature passed a bill that reclassified marijuana as a controlled substance as opposed to a narcotic and lowered the penalties from 10 years and twenty years to one year and five years. The state law was changed and then, sometime in March, the Supreme Court of Michigan decided my case in my favor and declared the old law unconstitutional. When they passed this new law in December, it was set to go into effect on April 1st of 1972. So when the Supreme Court decided on my case early in March and threw the old law out, we actually had no marijuana law in Michigan for about three weeks. Yes, it was a happy occasion and, of course, we made the most of it. April 1st was when the new law was supposed to go into effect, and it would be illegal again, but we were running people for city council in Ann Arbor on the Human Rights Party ticket, and the first thing they did was pass the \$5 fine.

I think the Hash Bash had a kind of edge to it, that they might make pot illegal again but we weren't paying any attention to it in Ann Arbor. I wish I could say we started it. I mean, somebody just put out a flyer saying the Hash Bash was April 1st, and all of a sudden it was there and everybody said, "Oh, this sounds like fun," and everybody went.

HT: While I was in Ann Arbor, I noticed you get a lot of good press for your latest cultural activities.

JS: Well, yes. I'm basically a writer and poet now. I've been in the rock 'n' roll business for the last five years. Before that, I worked with jazz artists for four or five years, and before that I wrote for alternative papers around here. I just concentrate on my own writing and activities and performances.

HT: You still believe that marijuana should be legalized.

JS: Absolutely. But I gave up on activism about 10 years ago. I was a lobbyist for NORML in 1977, when they were trying to get a bill through the Michigan legislature. It ended up with people squabbling among themselves, having physical confrontations on the floor of the Senate and the House and I just said, "Wow, these people are too nuts."

HT: Speaking of activists, did you know Tom Forcade? Did you like him?

JS: Well, we had a mixed relationship. He seemed to do a lot of things that put people off on a personal level, but then his energy was so fantastic and he had so many interesting ideas. In the latter days—I mean the '70s—he was like, carrying the flag. ●

THE MODERN MOROCCAN

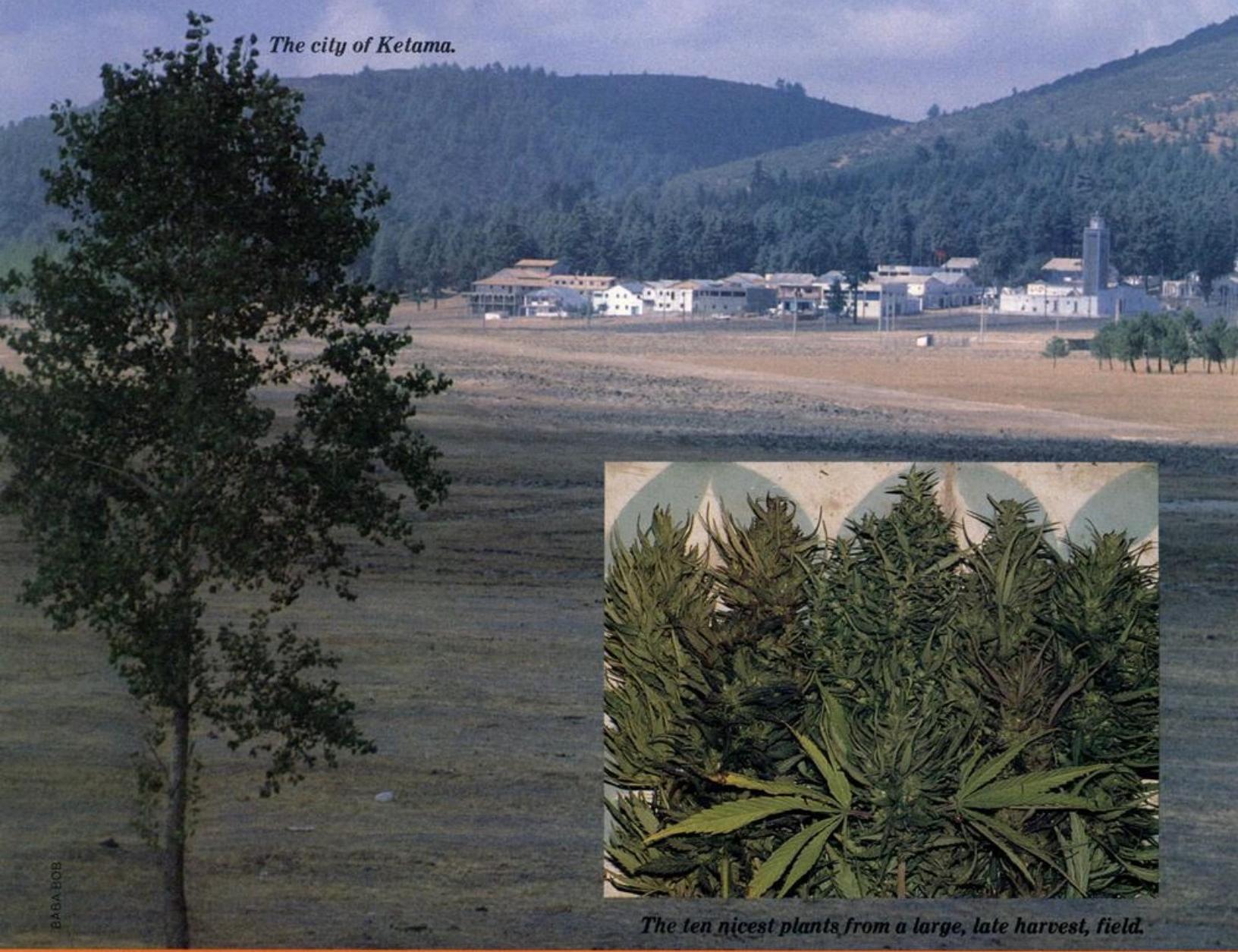
by Baba Bob and Sadu Sam

A Special Report for
the Year of Hashish



Adding adulterants to hashish defeats the purpose, deceives the public, and endangers health.

The city of Ketama.



BABA BOB

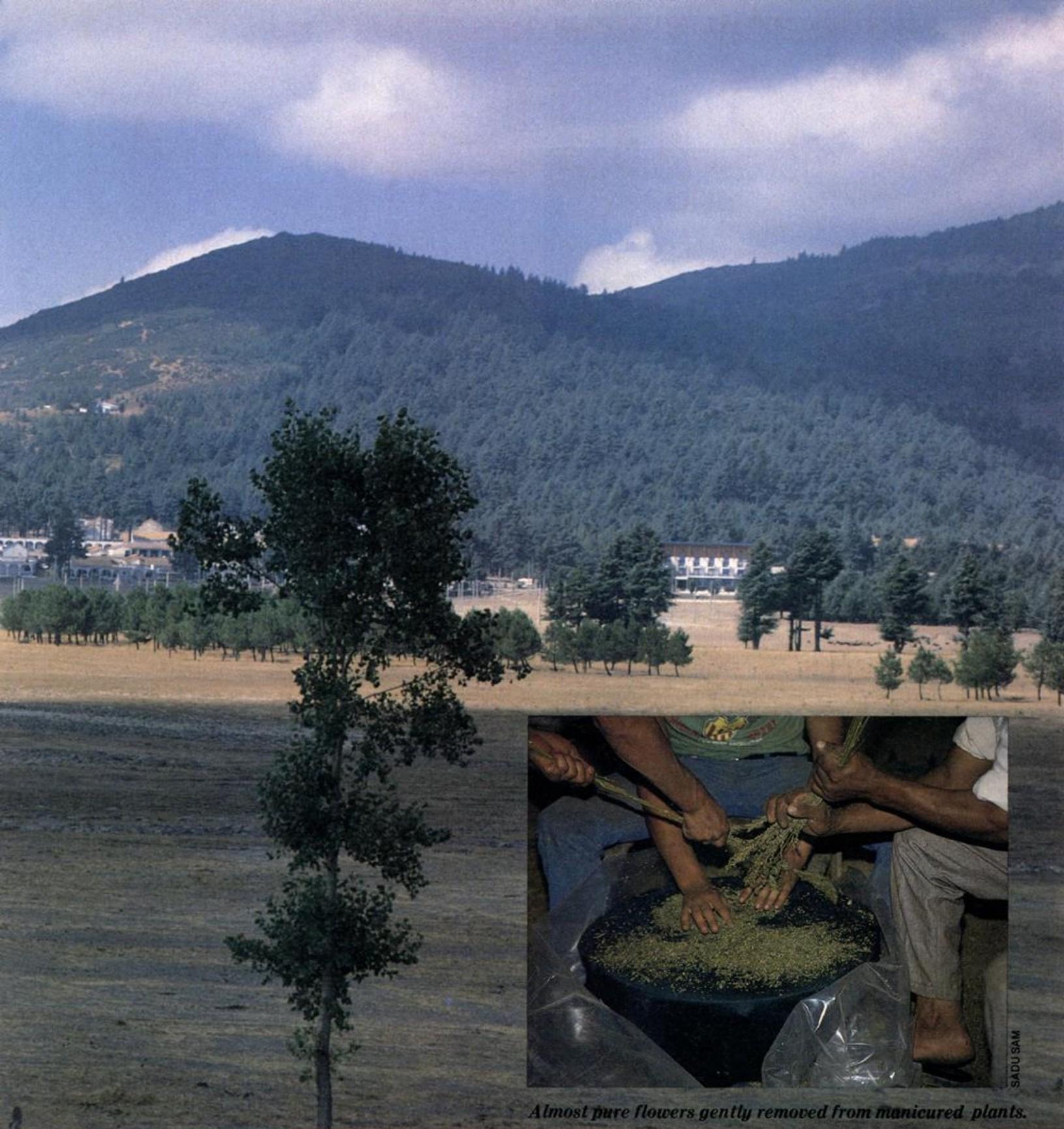


The ten nicest plants from a large, late harvest, field.

For more than 100 years the Moroccan government has allowed (ignored) kif cultivation near the pine-covered crest of the otherwise barren Rif Mountains, in a limited area closely surrounding the village of Ketama. However, the industry has grown in the past 10 years and farms now cover nearly all of the upper mountain ranges and much lowland as far as 75 miles from the once quiet Ketama. Fifteen years ago less than 500 square miles were under hashish cultivation. Before hashish cultivation, kif cultivation used only approximately 100 square miles. Now, cultivation covers 10,000 square miles and nearly

every terraced field with a source of water is filled with kif plants from spring until late summer. Hashish is the only major product of the region and it is one of the only crops that will grow here. If the incredible tonnage of hashish produced and its comparatively high wholesale market value are used as indicators, it appears that hashish must be Morocco's number one export.

Most of the kif is harvested in late July and early August when the weather turns the hottest and driest. The plants change from medium green to golden yellow as they begin to wilt and die



SADU SAM

Almost pure flowers gently removed from manicured plants.

in the baking sun. Some plants in well irrigated fields remain green longer and are left until mid-September. Moroccan farmers don't wait for the resin to build up on the flowers like sinsemilla farmers do. All of these plants are completely seeded. Rather, the Moroccan farmer decides to harvest when the plants run out of water and begin to die. The longer the water holds out, the longer the plants have to mature, and the more potent the resins become and the taller the plants. Unfortunately, chemical fertilizers are now commonly and extensively used to increase yield on exhausted land and absolutely every farmer agrees that

chemical fertilizers produce an inferior taste, smell, and high, and are not as sticky either. Now that farmers are only growing for resin and not growing the whole plant for kif, the genetics are rapidly declining. Now, unselected seeds from inferior plants are what everyone uses for planting. Old time kif farmers had a close personal relationship with their crops when they were growing for flowers and not just for resin.

The single stalks from one to eight feet in length are bundled for transport to the home compound where they are laid on hot tin roofs to dry in the sun for about five days. After they are fairly



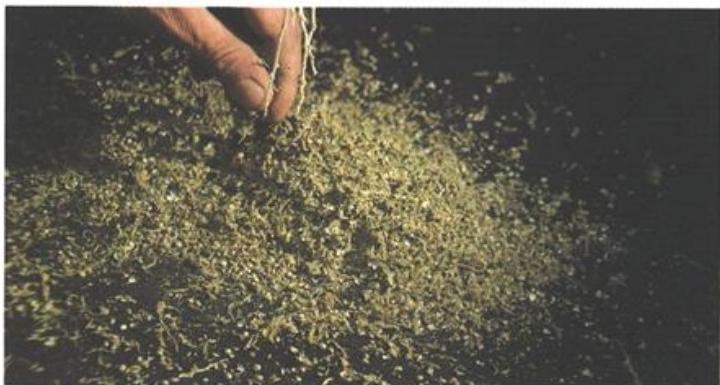
SADU SAM

For the very best, two layers of silk are needed.

crisp the bundles are stacked in the cool shade inside of their homes and stored for one to six months until the resins are collected for hashish production. Dry weight yield for plants is approximately 10 grams per square foot, 100 grams per square meter.

Resin collection is very simply performed by stretching a single layer of nylon scarf material across the mouth of a large plastic wash tub. The entire plants are covered with a sheet of plastic and flailed with a stick over the tub. The large stems are thrown away and the crushed plant material is rubbed back and forth across the cloth sieve. The coarse plant debris stays behind while the resin glands, powdered plant material, dust, and dirt falls through the sieve and is collected in the wash tub. The harder and longer the plant material is rubbed on the screen, the more plant material goes through with the resin. This process is repeated over and over up to a dozen times until nothing but powdered green leaf is coming through the sieve. The first and second extractions are mostly resin while the subsequent batches are mostly debris. The Moroccans can market almost any quality of hashish and no resin is wasted as you shall see.

The first two or three screenings are combined to produce the best commercial grade of Moroccan hashish known as "Zero-Zero." The yield from 100 kilos of dried kif plants is approximately 2 to 3 kilos (or 2,000 to 3,000 grams) of "Zero-Zero" quality hashish. This quality is rarely available on the export market and is usually the best quality you will be offered in Morocco. Although, with diligent hunting in the farming area it is possible to find higher quality (70 to 1000 grams from 100



SADU SAM

The flowers are grinded off stems prior to sifting.



kilos dry plants), but only in small quantities of less than 100 grams. Most exported commercial quality is 5 to 10 kilos hashish from 100 kilos dry plant. We wouldn't smoke it.

However, the vast majority of hashish exported from Morocco and found across Europe is manufactured from the lower grades of green leafy resin powder. Binders are used to make the low grade powder sticky so it can be pressed together to look like real nice dark hashish. These sorts of practices are also carried out in the Afghan-Pakistani border region, another major supplier of hashish to Europe. Binders include butter, bananas, pine tar, plant gums, sweetened condensed milk, henna, motor oil, and worst of all, paraffin wax. Up to 10% of the weight of commercial hashish can be accounted for by binders such as wax. Wax helps poor quality resins stick together like good resin would, and when a match is put to it, will keep a flame like superior hashish would. Who knows what smoking petroleum wax does to your lungs, but it can't be good for you! The idea behind making hashish is to get a stronger, cleaner smoke so you consume few impurities, and smoke less in total, than by using crude marijuana. Adding adulterants defeats the purpose, deceives the public, and endangers health.

A fairly high grade of hashish can be produced from seedy Moroccan kif, but only by rigorously performing the proper techniques as first taught to the Moroccans by Mustafa the Algerian. First selected superior plants must be cleaned of all leaf to remove potential impurities. The leaves don't have any resin on them anyway and are covered with dust. Then while working over the sieve the flowering tops are carefully stripped from the stems and crushed without reducing them to powder. The resin heads are shaken through the cloth by slapping the sides of the plastic tub, but the cloth is never touched nor the flowers rubbed across it. After shaking, the crushed flowers are dumped to the side not brushed off by hand which pushes debris through the screen. These crushed flowers are saved for later commercial extraction and another portion of flowers is gingerly crushed over the sieve. Only the resin glands and fine dust falls through the cloth and is collected from the bottom of the tub. This already potent resin can be further cleaned by lightly rubbing it across the top of a double layer or slightly finer scarf material. This allows most of the fine dirt and dust to fall through but few of the coarser resin heads. The resin remaining on top of the sieve is nearly pure cannabis resin free of most of the dirt and plant debris. Pure hashish as it was originally intended to be prepared, is easily hand pressed into what the Moroccans call chewing gum.

Before resin glands can be smoked they must be pressed into a piece of hashish. The Moroccans use hydraulic jacks to press 250 gram commercial pieces. "Zero-Zero" powder is simply poured into a cellophane bag and lightly squeezed with the



SADU SAM

press, since it is naturally sticky enough to stay together. This produces a yellowish blonde soft slab. The very best pieces can be hand pressed with difficulty. The resins are very dry from baking in the sun so they are not as easy to press as higher grade shade-dried resins.

Lower grade powders are mixed with adulterants and binders, heated, and hammer beaten to blend the ingredients thoroughly before they are squeezed into molds under extreme pressure. A dark reddish to deep-brown slab of Modern Moroccan is the result, ready for export. Most smokers assume that what they are smoking is clean hashish free from impurities. In fact most of it is tainted. The hashish manufacturers are crafty and it is difficult for the average smoker to detect adulterants in hashish.

Kif mixed with tobacco is smoked one hit at a time in a long wooden-stemmed sibsi pipe with a small red clay bowl. Hashish is also smoked in the same fashion. However, we rolled thumb diameter joints with three to five grams of the best (personally made "Zero-Zero-Zero-Zero") on a cardboard filter. This allowed much faster consumption and provided the rushes we traveled thousands of miles to enjoy.

While commercial techniques yield more than 3,000 grams of mediocre hashish per 100 kilos of kif, traditional hashish techniques yield only 100 to 200 grams of super clean and pure hashish. Because this is more than twice as good as their best, we call it "Zero-Zero-Zero-Zero."

As an experiment we had 100 kilos of whole, dried Moroccan plants completely manicured and cleaned to various components. The breakdown was:

- 15 kilos leaf
- 20 kilos stem
- 50 kilos seed
- 15 kilos flower.

In Morocco, 100 kilos dried plants is really only 15 kilos flowers and farmers extract up to 5 to 10 kilos of so-called resin. No wonder the resin needs help to stick together! American improved varieties such as Skunk #1 can yield up to 70 kilos of pure flowers from 100 kilos of dried plant. There is much more resin and the resins can be *sinsemilla* resins with little dirt or dust. That's five to ten times the weight in resin! The older farmers remember how to make fine hashish but they cannot get a high enough price for it to make it worthwhile to produce. It just isn't worth twenty to thirty times the price to enough connoisseur smokers. The Moroccans make much more money by selling more of a lesser quality product.

The only answer to this dilemma is to make your own hashish. Most smokers can't take the time to travel to the third world in search of inexpensive marijuana as a source for their own pieces of hashish. However, along with the burgeoning

The very best "0000" is made for special order only.

marijuana cultivating industry comes a ready supply of high grade domestically grown cannabis with resin suitable for making hashish. Outdoor plants, greenhouse plants, and artificial light plants can all be utilized to make high grade hashish.

Think about it. Would you rather smoke a lot of low quality imported and domestic weed, or a little bit of super high quality hashish? You decide. Will 1988 be "The Year of Hashish" for you? ●



Authors' Note:

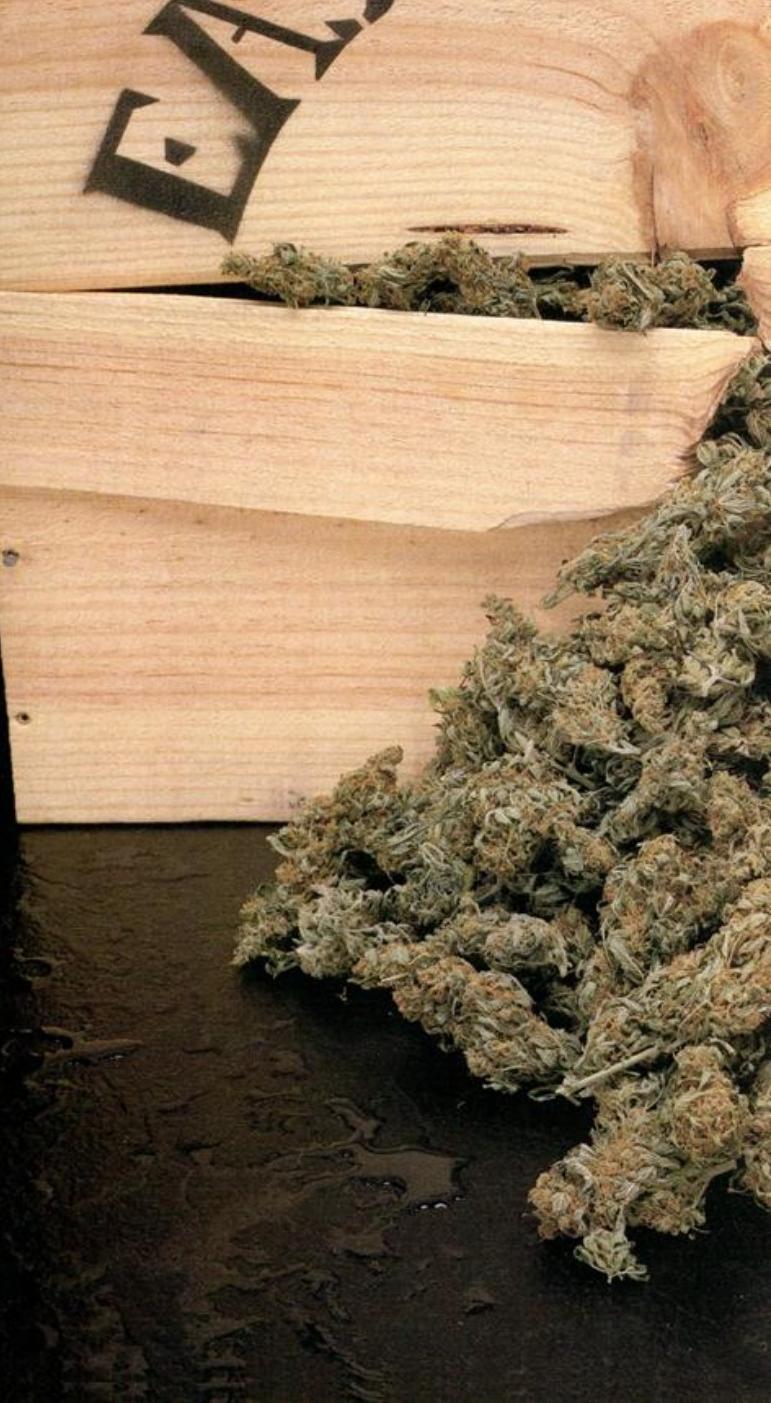
Place silkscreen under your work area while you manicure, package, and roll doobies. A piece of black Plexiglass or a mirror under the screen makes collecting the separated resins easy with a credit card. Correct screen size is 43 threads to the centimeter, 100-120 to the inch, for most domestically grown resin heads. Moroccan, because of smaller resin heads required 60-80 to the centimeter, 150-200 to the inch. See HIGH TIMES Feb. 87, P.49.

Note: Zero-Zero originally got its name from the hole size of the silk fabric that was the finest, "00."



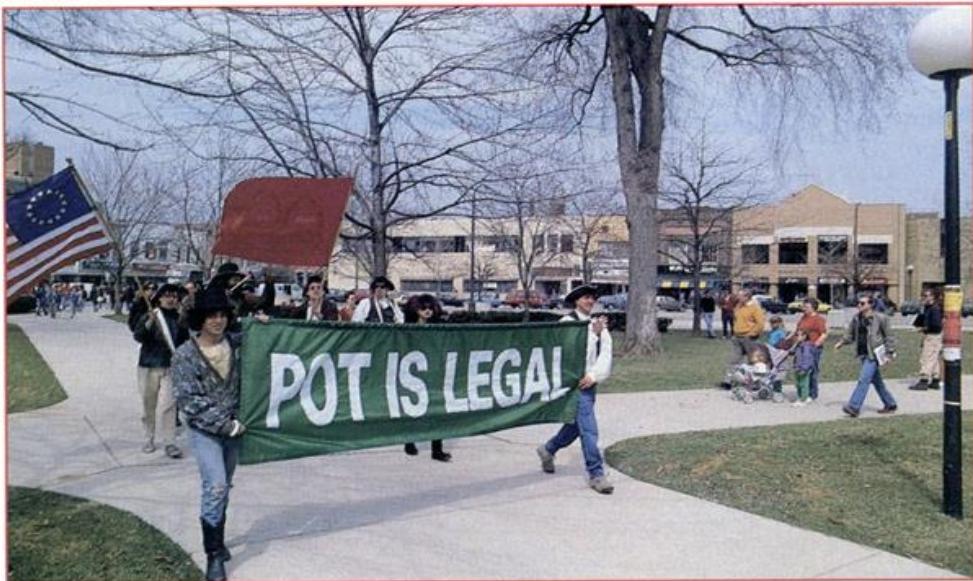
SADU SAM

The best "0000," softly hand pressed.

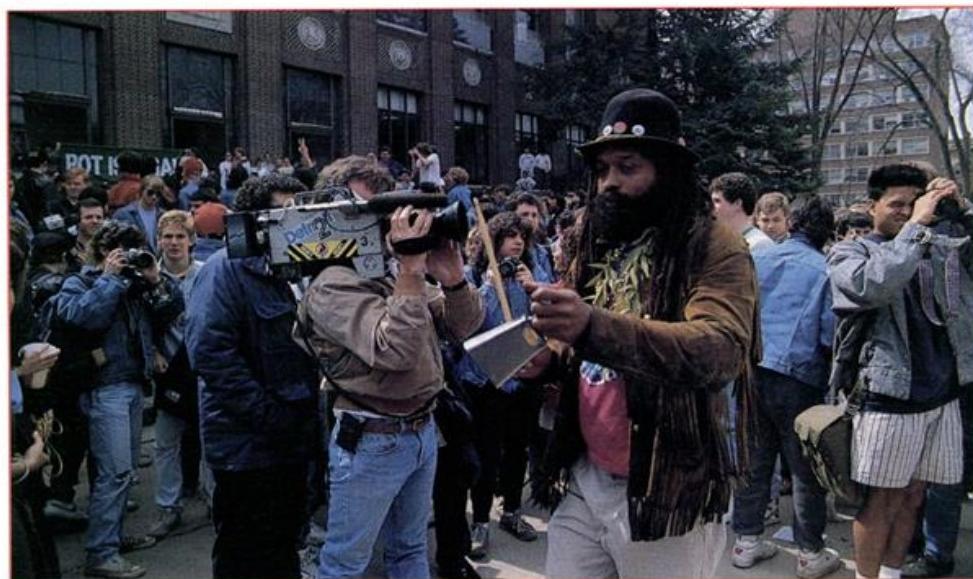


THE NEW BOSTON TEA PARTY





When the HIGH TIMES contingent hit the Diag with its "Pot Is Legal" April Fool's banner, local Ann Arborians were both puzzled and amused.



Chef Ra, who led the HIGH TIMES crew, was very popular with the media, who were there to televise the festivities for local TV.



Many people came out just to hang out on a beautiful spring day. Almost everyone enjoyed the sunshine as well as the free herb.

HASH BASH '88

continued from page 43

He'd printed up over 200, and I bought the very last one from him. "We sold all of 'em!" he crowed. "I didn't think that at ten bucks a shot I was gonna sell much, but..."

Around three o'clock, the party started winding down. And before you knew it, Mike showed up. Mike-baiting seems to be a popular sport on the Diag. It went like this—this wacky preacher, Mike, stands around spoutin' fire-n-brimstone speeches, and everyone else tells him how full of shit he is. It was fun! For example...

Mike the Preacher—"This young man is angry!"

Young Man—"I'm not angry!"
Mike—"He's angry, hostile, resentful, rebellious. Primarily because of his relationship with his father."

I introduced myself to him. He seemed a bit disappointed that I was from HIGH TIMES magazine and not from the radio. (I guess he's hoping for a TV ministry all his own some day.)

"This is institutionalized immaturity," he announced to the crowd. "An organization that will perpetuate chemically-induced adolescence. Those people refuse dogmatically to grow up and face reality! Your life is a dream, man! Immature, insecure, and irresponsible. I didn't have to go to the Betty Ford Clinic. Jesus set me free. The Holy Spirit came into me and I didn't want him in me. I was set free with the Holy Spirit and you can be too."

Pretty soon he started babbling about how the godless Communists were behind pot-smoking, so I asked him if America is Land of the Free and all, shouldn't we express our freedom from those godless Communists by smoking up some doob? After all, they don't allow pot smoking in Russia, right?

"Real freedom is not doing what you wanna do! Real freedom is having the moral integrity to do what you ought to do!"

"Whether you want to or not!" added one fellow heckler.

"You guys are slaves!" Mike ranted. "You can't say no anymore! You're hooked! You're hooked to your sexual appetite, a girl walks by, forgot to put half of her pants on, 'AAAH Baby I'm in love! AhhOooHAh! You are slaves! You can't treat her like a human being!"

"Dudes like you," replied another heckler, "are gonna blow this planet up and escape into your corporate space station so you can kick back and talk about how this generation fulfilled a biblical prophecy that came true."

Before I left, I asked Mike for his full name. He said it was Mike Caulk, and stated his affiliation with a local church. "We're a homegrown family recipe."

"HOMEGROWN!" the crowd yelled.

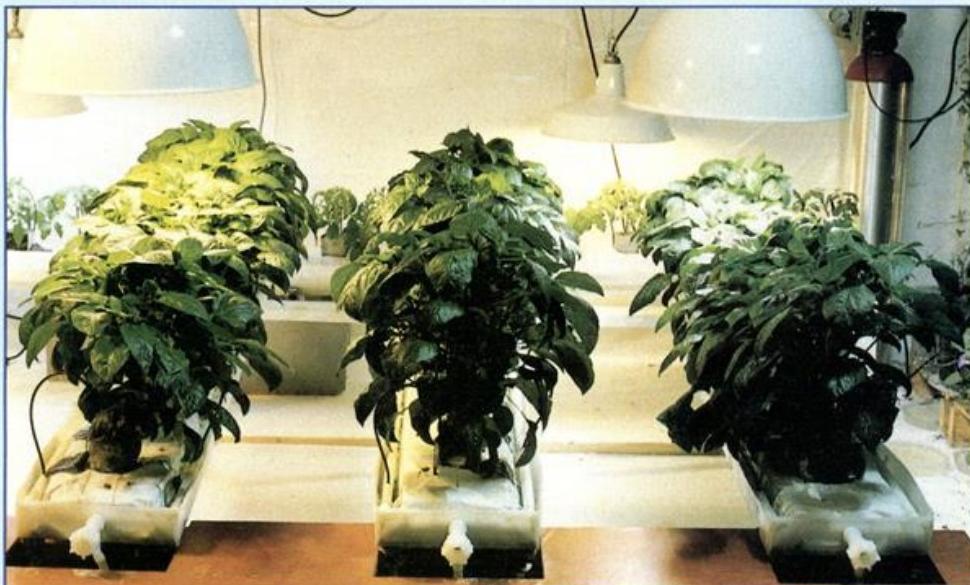
continued on page 85

BY BRAM

Dr. Indoors



Superior Growers Supply (SGS) is an excellent example of what a grow store should be. The front of the store contains a prolific vegetable garden.

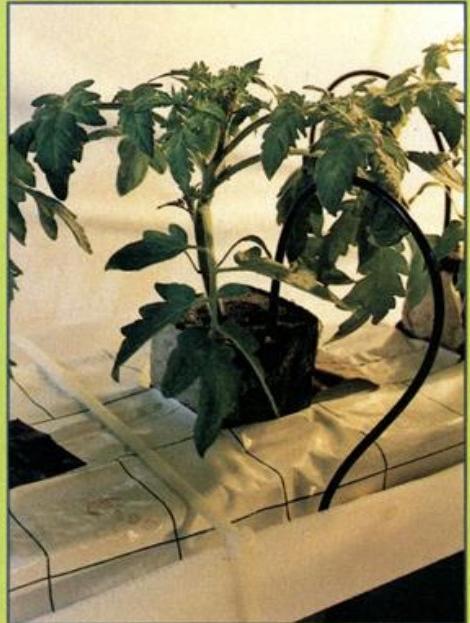
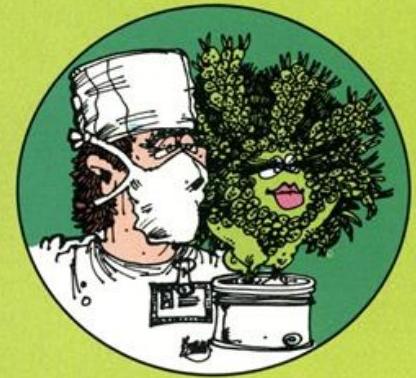


Rows of tomatoes, green peppers, and flowers are planted in rockwool slabs and grown under lights in the store.

April Fool's Day, the day of the Hash Bash, is history. Dr. Indoors and the rest of the staff from HIGH TIMES magazine arrived ready to parade onto the University of Michigan diag dressed as patriots. We were to bang drums, wave flags, and march right into the crowd making as big a scene as possible. The minutemen of

1988 out to protect their right to have cannabis.

As we marched through the streets of Ann Arbor towards the diag the local media was taking pictures, the television crews were filming, the crowd screaming. I had several thoughts: I was in public running around in costume carrying a



By growing vegetables, the owners have documented, hands-on experience with their system.

large "POT IS LEGAL" banner I was about to meet Ed Rosenthal, the Guru of Ganja, and after the rally I was supposed to conduct a grow seminar with Ed. How was I going to give the seminar? Who would listen to a man in a tri-cornered hat?

continued on page 58

DUTCH H.A.

Story and photos by Ed Rosenthal



1) The plants are cut using an electric hedge cutter. First the stem is sliced about 5-10 internodes from the top. Then the cutter makes four slices, each from top to bottom. The cuts are made close to the stem and the branches fall down in an orderly pile. It takes less than a minute to cut a plant.

The 1000 square meter greenhouse was filled with plants. It was divided into three sections. The first section had been shaded for six weeks, the second for four and the third was to experience the natural light cycle.

The plants in the first section ranged between 8-10 feet tall and were conically shaped. The lower branches on each plant spread about 6 feet. They were a sativa variety which had a touch of indica somewhere in their background. They had been in the country for several years. In comparison to the heavy yielders available from the seed companies they were low yielders. However, the grower had an ego-involvement with the variety and could not be convinced to use one of the newer breeds. This decision by the grower cut the yield by one-third to one-half.

In early October the first third was ready for harvest. The week before, the greenhouse operator forgot to set the controls to open the panels so that new air could come in and humidity could be lowered. Within 48 hours one-third of

the buds in the first section had been attacked by fungus. The rest of the plants stayed green, but the buds were all brown, soft and rotten to the touch. The glands were still intact, but the buds were unsmokable.

The grower thought that he would need a large team to cut the plants down, but instead opted for new technology and an automated harvest process. The first thing was to protect the remaining plants from infection. A three-step process was decided upon. First, the plants in the first section would be harvested or removed.

Second, the lower branches of the plants in the second and third sections would be trimmed off and removed. This would give the plants more air flow and would eliminate some of the material which actually created the humidity.

Third, a room dryer would be brought in to lower the humidity. Room dryers are very powerful devices used during cold weather to help dry cement. They are capable of removing gallons of water per hour from the air.

The harvest had been organized so

that once the plants were cut they would be transported from the greenhouse to a drying area in the city. A three person team harvested the section. The cutter worked with an electric hedge trimmer. First he took off the top of the plant, which included the first 6-10 branches.

Next the cutter went down the plant vertically on each of the four sides so that the branches fell in a neat pile. Remember that marijuana plants have alternating sets of branches.

Once the branches were cut, they were lined up so that all of the growing tips were even. They were held in a large bouquet by the packer, and then the cutter sliced off the inner section of the branches, which contained no buds.

No matter where the branch was on the plant, it had the same length of bud material. For instance, a lower branch might be 4 feet long, but it contained only 15 inches of bud material. A higher positioned limb might be only 2 feet long, but it also contained 15 inches of bud material.

After the cutter was done with the plant, the packer fitted the cut branches

REVEST II



2) A three person team is the most efficient for harvesting. The cutter works with the power tool. Next, the gleaner picks up the fallen branches and lines them up with the ends (bud end) even. The gleaner holds the bouquet and the cutter slices away the flowerless section of the branches. The gleaner places the cut branches in a flower box.



3) The boxer puts the top on the boxes, and carries them in groups of two or three to the flower cart. The boxer also carries the debris over to a pile.



4) Some of the plants were heavily infected with mites. After the plants were cut, the mites multiplied quickly. Here they formed webs as the colony matured.

into flower boxes for easy transport. The residue, including flowerless branch parts, stems, and any leaf which was removed, was placed in a big pile and covered with a plastic tarp.

The flower boxes were placed into a rolling cart, which was attached to a car and moved to the city for drying. Within a month the other two sections ripened

and were harvested. It took three people about one full day to harvest a section.

Once in the city, a trimming team worked non-stop preparing the branches for drying. First the big leaves were removed by hand and then the smaller leaves were trimmed with scissors. Lines were hung all across a room so that there would be adequate space to

hang the colas.

A powerful heater and a room dryer were put into operation so that the room stayed in the high eighties and maintained a humidity level of less than 50%. The buds dried within three days and were in shops within the week. They tasted good, had a slight green taste to them, but were well received. ●



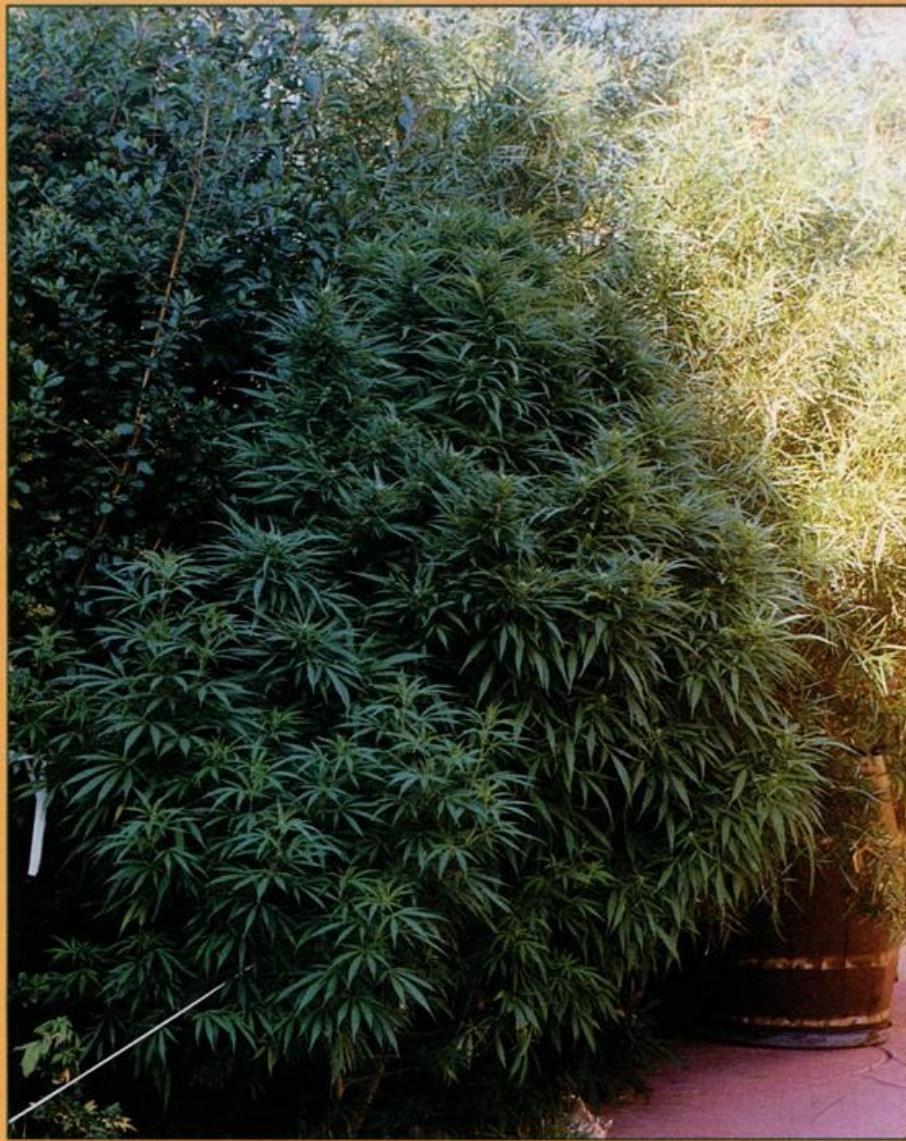
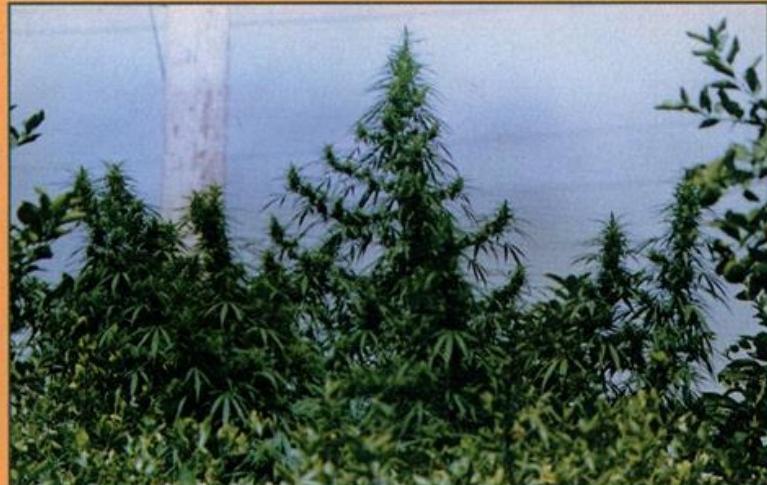
BY ED ROSENTHAL

ASK ED

PLANT OF THE MONTH

This giant sativa is the best of my six plants. It was harvested November 1. Bud weight after drying was 2 1/2 pounds of pure sinsemilla.

The Green Baron
Compton, California



GARDEN OF THE MONTH

Anonymous
San Lorenzo, California



BUD OF THE MONTH

These buds are from a sweet, skunky smelling *Indica* with an overabundance of red hairs. Only four seeds out of five pounds of pure bud.

Moon Toad,
Martha's Vineyard, Massachusetts

Dear Ed,

I read your column about using lecithin as an emulsifier for THC.

I tried adding liquid lecithin to a pot of boiling water. The lecithin rolled up into a gooey blob. No mixing occurred. Then I added some cooking oil which combined with the lecithin but the mixture did not emulsify in the water.

When I tried to clean the pot using detergent, no amount of scrubbing would remove the slimy stuff.

Have you ever tried this? I'd sure hate to see somebody ruin their espresso machine.

—No Name,
No City, No State, No Planet
A Gen-yew-wine expatriate

I have tried it with lecithin powder in cold water, which do combine. Once they are mixed I have heated them without the problems you have had.

You have stated in passing that photoperiodic sexual expression can be localized by shading a single branch and that this is a viable means of sexing plants. Tell us more. Does the shade have to provide total darkness or can sex be elicited by a cover that merely attenuates the intensity of the light cycle? Should the cover be removed daily?

—Ron "The Wizard",
Nicholasville, Kentucky

The photoperiodic response of most plants is localized. In other words, if part of a plant is given the correct photoperiod for flowering and the rest of the plant is not, only the part given treatment will respond. A branch would be a convenient section to treat. To get a branch to flower quickly, give it 16 hours of total darkness each day. Make sure that the outside of the shade is white or very light colored so that the light is reflected, rather than turned into heat on a dark surface.

Dear Ed,

I grew two generations of clones. One generation grew with normal 12-12 on/off and I recorded the results.

The next generation I treated with 36 hours on and 12 hours off. I got considerably increased bud weight and the plants grew a few male flowers which seemed to be sterile.

—Big Bob Bud,
Chicago, Illinois

Thanks for the report. Light cycle experiments seem worthwhile pursuing. Keep us informed.

Dear Ed,

I found a sure-proof method for preventing and stopping spider mites. I hang up two No-Pest-Strips in my 10' x 10' room. They work like a charm.

—J.J.,
Port Angeles, Washington

Thanks for the tip. No-Pest-Strip sales should be going up this month. Please report results.

Dear Ed,

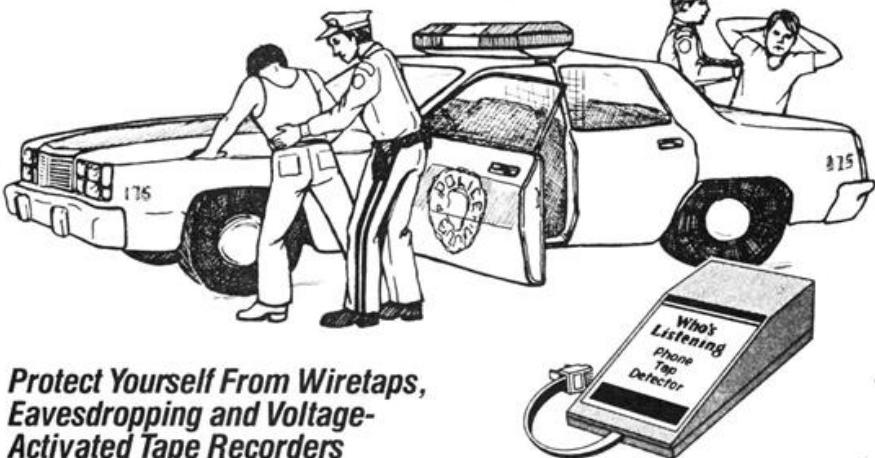
A couple of months ago I saw the movie "We Love You, Alice B. Toklas" and I was wondering: who was this woman and what was her relationship with marijuana brownies?

—Dr. Mars,
Eastern Iowa

Alice B. Toklas was one of the American bohemian expatriates who were hanging out in Paris during the '20s and '30s. She was closely associated with the writer Gertrude Stein. Ms. Toklas wrote a cookbook which included a recipe for hash brownies.

continued on page 60

RED ALERT!



Protect Yourself From Wiretaps, Eavesdropping and Voltage-Activated Tape Recorders

You'll never know if someone is listening in on your "private" conversations — until it's too late.

Now you can guard against invasion of your personal privacy with the WHO'S LISTENING PHONE TAP DETECTOR, one of the most sophisticated (yet affordable) wiretap detection units available.

The WHO'S LISTENING PHONE TAP DETECTOR will:

- Detect and Warn of Wire Taps
- Warn You When Extension Phone is Picked Up
- Turn Off Voltage-Activated Tape Recorders
- Plug Right Into Your Phone in Seconds



Only \$69.95

(plus \$2.95 shipping and handling)
(FL Residents add 6% Sales Tax)

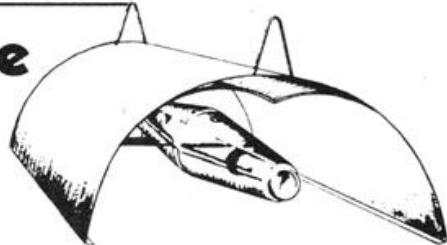
TO ORDER: If paying by C.O.D. or by credit card (VISA, MC or AMEX), please call the toll-free number below. If paying by check or money order, please mail to:

PRIVACY ELECTRONICS INC.
14351 N. Dale Mabry Hwy.
Tampa, Florida 33618

Toll-Free: 1-800-346-6871
in Florida: 1-800-330-6001

PRIVACY ELECTRONICS INC.
Because You Never Know Who's Listening.

It's about time Florida got some help with the sun.



Operating the most successful grow shop in the midwest, you get to feel sorry for folks in the deep south.

All that beautiful sunshine going to waste with no reputable supplier of growing necessities to help them take advantage of it.

WORM'S WAY decided to do something about it. One of the country's finest grow shops' can now change the northern winter into a green experience, or help you make the most of southern sunshine.



WORM'S WAY
organic indoor/outdoor
garden supply

INDIANA

FLORIDA

4620 South State Road 446 5311 56th Commerce Pk. Blvd.
Bloomington, Indiana 47401 Tampa, Florida 33610
(812) 837-9901 (813) 621-1792

AUTHORIZED RETAILER for APPLIED HYDROPOONICS

DR. INDOORS

continued from page 53

Then I was caught up in the whole scene and I didn't think about the seminar until I arrived at the classroom assigned to Ed and me. There were about 50 people waiting for the seminar to begin, a third of whom were women. The people of Michigan are not only concerned about rights but they are serious about their growing as well. The people in the seminar had note pads and tape recorders just like in a regular class at the university. They had come to learn about growing. Weeks before the seminar I had been contacted by several grow shops who let me know they were looking forward to talking to me about indoor growing.

Michigan has several good grow shops that are involved in indoor cultivation and their participation in the seminars let me know that they are serious along with their customers in the search for knowledge. I gathered my thoughts as I looked around the classroom and wondered if Ed and I would agree on cannabis. I knew I could always draw what I was saying on the blackboard to keep from being nervous, for while Ed is the old man of growing, Dr. Indoors is into technology, and I intended to prove this as I talked and answered questions. Jon Gettman, the national director of NORML, introduced Ed and me to start the seminar. My fears went away as I started to talk.

DI: Since there are so many of you and I'm sure that your level of growing proficiency is varied, Ed and I would prefer if you asked questions.

Where does one get seeds?

DI: You can obtain seeds from the Seed Bank, SSSC, or any other seed company in Holland.

How do you clone?

DI: Take the smallest, freshest, uppermost growth. It hasn't become a woody stalk and has no shade leaves to take off. Slice it at an angle and keep it wet. The clone should be a couple of inches long. Dip the cut end into a rooting hormone (available at most plant stores) and then place it in rockwool cubes, jiffy 7's, or float it in a clone solution. The idea is to tell the cutting to make roots. In ten to 14 days it will be totally rooted and growing on its own.

What length of light should the clones get?

DI: Root them under 24 hour light. They root very fast.

ER: You're going to read in some books that plants need a rest period. The reason is because the writers say,

"Well, humans need rest, so we'll give the plant's a six hour rest like we need." It has nothing to do with plant physiology. It's in their own head. Plants don't need rest.

DI: All the plant does under 24 hour light, as long as it's fed properly, is stay in vegetative growth. To the plant it's just one perfect day.

Is there any time during vegetative growth that 24 hour light isn't good?

ER: NO! Give them 24 hour light!



JOHN EDER

Dr. Indoors in full-dress freedom fighter regalia.

You said to leave them in grow cycle until they grow roots. How many hours do you give them after the 24 hours to get them to bud?

DI: To get them to bud, give them 12 hours of dark. You don't need any kind of slow breakdown. Flower them right away. You can flower them as soon as they're rooted, even if they're only a few inches tall.

ER: Truly, the easiest way to grow and flower is one plantlet—one big bud. Single buds, which at harvest are less than two feet tall.

DI: By the time the clones are ready to flower, they are eight to twelve inches tall.

ER: You can take the plants and you can actually bend the stalk so that it fits into a specific space. Then you have rows of those.

DI: With a trellis, you can weave the stalks into the arc of the light. If they

don't have the space to flower, you're not going to get good flower development.

ER: You have to maximize your yield. The determining factor is the amount of space that you have. Single stemmed plants that have just one big bud on them might actually get more yield per square foot of space than if you had branched plants.

What's your choice of growing medium?

DI: For sub-irrigation use polypropylene instead of granite due to weight. It doesn't affect the pH, and it gives enough root support. Some people use rockwool and it's very effective.

I use rockwool and I have a problem with pH bouncing up. What do you suggest?

DI: Keep rebalancing your solution. Balance the rockwool to start with. Mix your solution more acidic around 5.2 to 5.6. You can use Eco-R, which is made for rockwool. Rockwool is alkaline so it raises the pH.

ER: A lot of fertilizers don't contain MG, because it binds up when the pH shifts. You have to add magnesium sulfate (epson salts). To stabilize the pH, use Nitron.

Do you recommend different fertilizers for growing and flowering?

DI: No. Nutrients are available in a small pH range. Give them food within that range and let them take what they want. Use a good nutrient mix with chelated nutrients. Rebalance the food every couple of days.

ER: There are lots of different fertilizer formulations. I think you should follow the manufacturers' directions. All you should do is watch your pH and add your Nitron to stabilize the pH. Be sensitive to your plants.

DI: In hydroponics, deficiencies show up fast. You have to get a feel for what the plant needs. By taking care of the food and the pH, they should be fine. Soil and rockwool have lots of pockets that hold salts and affect the pH. If the pH is out of whack, the plants will starve to death in the presence of food.

What kind of system do you recommend?

ER: Simple systems work as well as exotic systems. A system must deliver three things the roots need: oxygen, H₂O and food. It's when a system can't deliver one of these three things that you're going to have problems.

continued on page 68

LETTERS

continued from page 15

HIGH TIMES reserves the right to attack running dogs from all sectors of the political spectrum. Stay tuned for Joe Bartos' *Field Guide to Liberals*, coming soon to a HIGH TIMES near you!

GENERAL COURT MARSHALLED!

Love the new look for the mag! Flick Ford is fantastic. Jon Gettman's NORMLIZER column has been uplifting and very entertaining. My only complaint? The General. This guy may be a blast to party with, but his writing is boring, tasteless drivel...yawnable at best.

—Connoisseur's Choice
Cannabis Labs
Eugene, Oregon

WHAT PATROL?

The right to say "I hate the Grateful Dead" in HIGH TIMES is protected by the First Amendment. I am free to do so without threat of attack from the Deadhead "patrol." So what if some people say the Grateful Dead suck? It's not as if every other band gets nonstop praise, and besides, it's very unlikely that the Almighty Garcia even gives a fuck what others think to begin with.

—Axel Rod
(No postmark.)

The Grateful Dead are not a MERE BAND, dolt!! They are an idyllic community, a spiritual commune, a beautiful, important, WAY OF LIFE! So when you attack the Grateful Dead, you attack the utopian vision of a world without hate!! Deadheads are very SENSITIVE PEOPLE!!! Unlike you punked-out neo-conservative acidheads. Who have no feelings at all! Thanks to poison pens like yours, our Cannabis Connoisseur, D.C., no longer writes for this magazine, despite the fact he is one of the most important breeders in Amerika! But do the editors of this magazine apologize and stop printing such vicious slime? Noooo. (NOTE: This reply was written by Ed Hassle over the objections of the editors.) ●

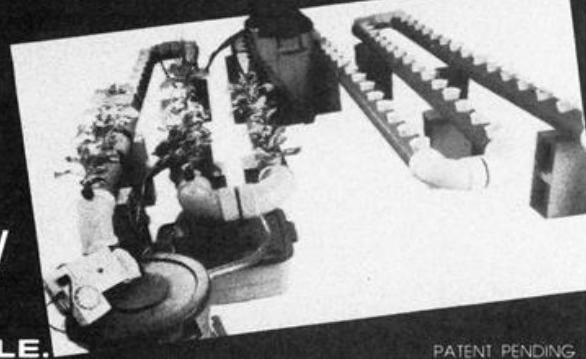
WHEN IT'S MORE THAN A HOBBY...

Kyle Roq's
SUPER BUDDY

UNLIMITED EXPANSION!

FROM A SINGLE RESERVOIR.

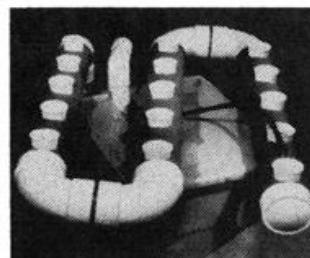
...PORTABLE.



PATENT PENDING

ANY CONFIGURATION - EXPANDABLE RESERVOIR

98 ADULT PLANT MINIMUM IN 8'x7' AREA - FULLY AUTOMATED AND PROGRAMMED



GOOD BUDDY MODULAR
31" x 47" x 18" hi. 15 to 25 adult plants
guaranteed. 15 gallon reservoir, fully
automated.

CALL YOUR SPECIAL FRIENDS AT
HIGHER YIELD FOR ALL YOUR
GROWING NEEDS!

THE BUDDY SYSTEM bases plants in easily available drinking cups, allowing Perpetual Harvest of *individual* plants - anytime! No connections! A real Sea of Green! Roots are directly fed and oxygenated in a closed chamber for quicker growth, by-passing grow media problems like shifting pH and excess humidity, without nightmares from internal sprays. Minimal maintenance!

GOOD BUDDY MOD. \$289.00 SUPER BUDDY \$995.00 MC/VISA - C.O.D.

EXCLUSIVE MAIL ORDER CENTER

1-800-451-1952

HIGHER YIELD 712 Wilshire Blvd., Suite 12
Santa Monica, CA 90401 (213) 394-6777

AUTHORIZED HIGHER YIELD DEALERS

A.H. LOS ANGELES • 4527 San Fernando Rd. Glendale • 818-243-0068
A.H. SAN DIEGO • 127 University Ave. San Diego • 619-296-1779
ROCKY MTN. LIGHTING & HYDROPOONICS • 7100 North Broadway, Suite
5-S Denver, CO • 303-428-5020

ASK FOR YOUR FREE BOOKLET — "GUIDE TO HYDROPOONIC SYSTEMS!"



Do you want more female plants with virtually no extra effort?
Do you want to maximize your yield within the space you have?
Do you want a product that works in soil or hydroponics, indoors or out?
Are you using any plant hormones now?

SENSA-SOAK

A germinating fluid to promote more female plants from the very beginning of cell division in the seed. Up to 95% females produced in some tests. Contains a special cytokinin. Just soak your seeds.

35 ml. \$9.95

SENSA-SPRAY

A foliar spray to increase female flowers and decrease male flowers. All it takes is to spray before the plants start blooming. Produces ethylene to force feminine traits.

1 qt. conc. \$9.95

POWER BLOOM

Shortens vertical height eliminates wasted plant energy. Encourages lateral growth. Produces compact, sturdier plants with better overall vigor. Promotes more females with more numerous, bigger and earlier maturing buds.

2 qt. conc. \$14.95

LARGER SIZES AVAILABLE

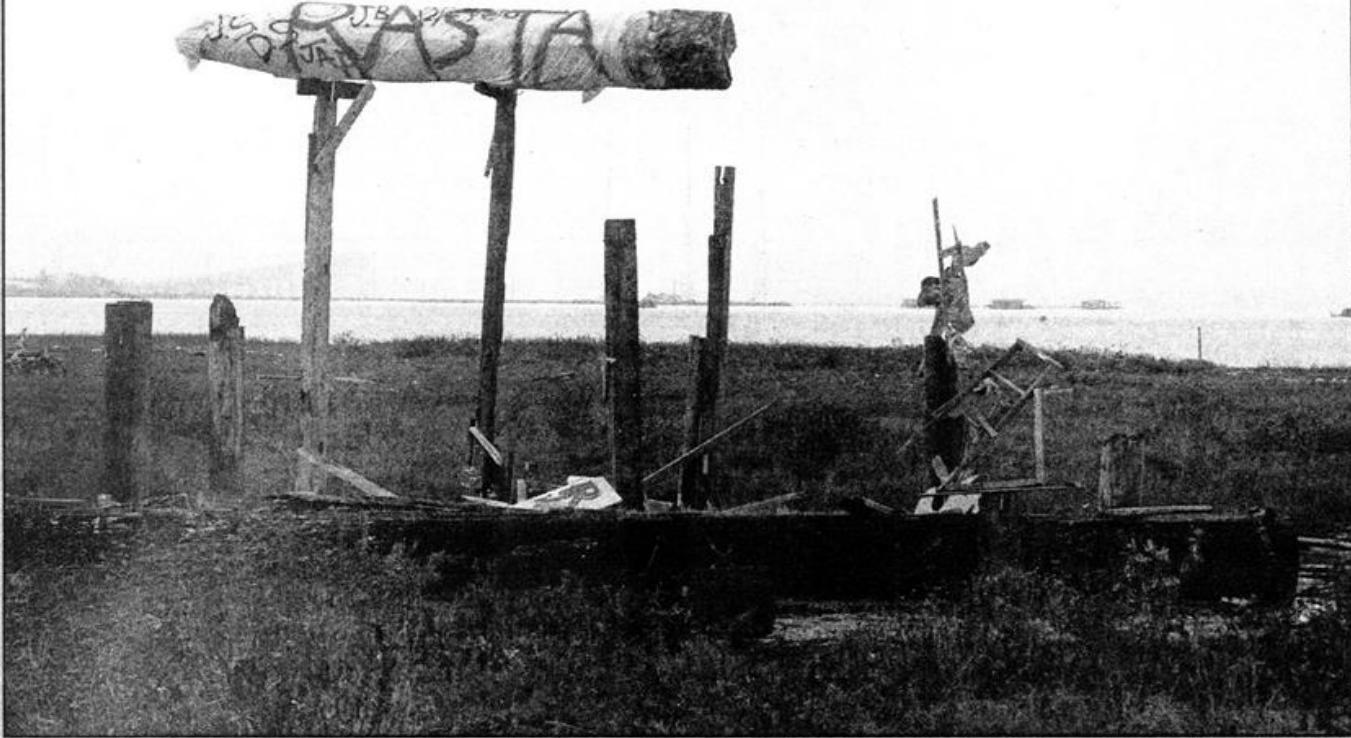
Quick, send me a free catalog with more information.

Add \$2.00 Shipping and Handling Per Order. No COD.

Mail to:

PLANTASTIC PLANT PRODUCTS
1442A Walnut St.
Berkeley, CA 94709

OR Call 24-hr. Toll Free Number
Nationwide: 800-227-1617 Ext. 453
In California: 800-772-3545 Ext. 453



The Emeryville Flats, located between Berkeley and Oakland, California, lie along I-80 just before it takes its final jump west, over the Golden Gate Bridge, into San Francisco. Free form sculptors bring their own material or use the plentiful supplies of scrap wood and other material found on site to build constructions viewed at 55 MPH. Passing by one Monday I was surprised to see this well crafted ornament poised against the San Francisco skyline.

ASK ED

continued from page 57

Hi Ed,

A while ago a reader suggested using a solution of raw egg and water to ward off rabbits and other rodents. We tried it in a controlled situation. The rabbits had a choice of food with egg-water or without. They ate the egg-water treated food first.

—Old MacDonald,
Somewhere in North Carolina

Thanks for reporting the results of your experiment.

Say Ed,

I ordered some seeds from Holland a while back, and let my first crop go to seed in order to assure a future supply. The original seeds were small and light brown in color. The seeds from my crop were bigger and had dark "tiger" striping on them. Why is this? Will it affect the quality of my next crop?

—Williams Wonder Grower,
U.S.A.

The seeds you grew were bigger and darker because they were grown on buds less seeded under warmer conditions than their mothers. Both the original seeds and their progeny have the same amount of genetic material. The difference in size is caused by varying amounts of food stored to support the germination of the seed. Larger seeds have more material and they can get the new plant off to a better start. The color of the seed in part is a factor of its ripeness. Darker seeds have reached full maturity.

Dear Ed,

I have a question and a tip.

Why are some seed people polluting the cannabis gene pool with *ruderalis*? There are many excellent maturing *sativa* and *indica* varieties. At 43°30' north we harvest SSSC Skunk #1 Labor Day weekend. Breeding drug varieties of cannabis with non-drug varieties always results in a non-drug cannabis variety, genetically unstable and true breeding only for low THC content.

While growing four plants of a difficult variety indoors I got sick of waiting for

them to flower. After 22 days of 12-12 light cycle only indistinguishable primordia were apparent. One plant was sprayed with a solution of one teaspoon Rootone to 16 ounces of water. The following day pistillate flowers appeared. Of the other three plants, two males and one female distinguished themselves 18 days later. The experiment seems worth repeating inside and out with late-flowering varieties.

—The Burning Bush Ganja Co.
Woodstock, Vermont

The reason why *ruderalis* is being bred with other varieties is that it has some very desirable characteristics. They include early induction of flowering, large, heavy buds even in poor weather and sturdy hardy plants. With skillful breeding over a number of generations, these characteristics can be introduced to another variety without diluting the THC content of the strain.

Thanks for reporting the successful results of your experiment. I'm sure other readers will be trying the technique soon.

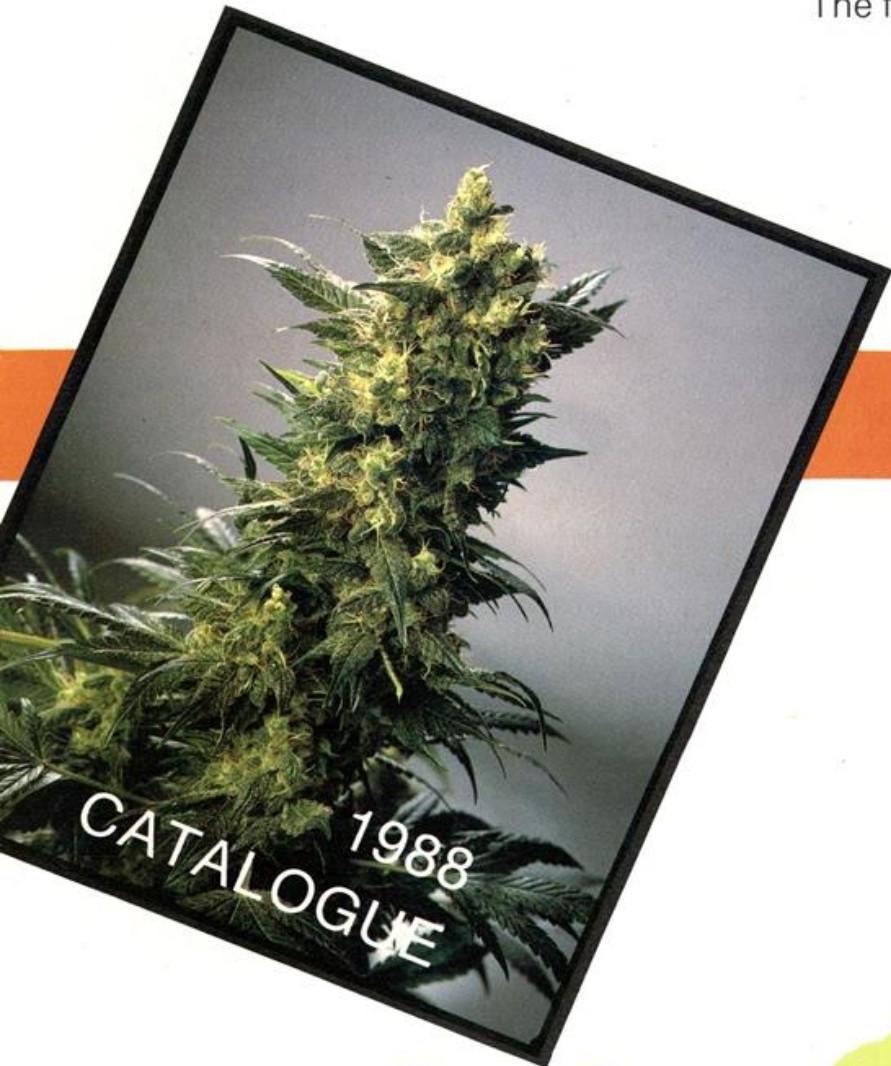
continued on page 71

PROFESSIONAL GROWERS RECOMMEND

THE SEED BANK
of Holland

THESEEDBANK

Supplier of premium quality cannabis seeds.
The future is now.



'Just Say Yes'
to our Full Color

FREE

1988 CATALOGUE

We have some of the most potent and resinous varieties in the world, including NORTHERN LIGHTS, BIG BUD, SKUNK #1, HASH PLANT, and G-13. Also, we have super quality RUDERALIS HYBRIDS for the Northern grower. What you're growing should be the best you've ever smoked. Every grower can benefit from our collection.

NEW: Exotic equatorial Sativas, hybridized with our best indoor Indicas, producing plants of astounding quality for the connoisseur

**The Seed Bank
Postbus 5
6576 ZA Ooy
The Netherlands**

HIGH ART



by Carlo McCormick

Richard Hambleton

When an artist makes a radical change in the style or content of his art, sometimes it takes a while to see and understand the connections between the past and present work. Richard Hambleton's recent paintings of dark and brooding seascapes have just such an oblique relationship to his earlier paintings. Hambleton first reached international renown as an artist in the early eighties for his street paintings of dark shadowy figures up against the walls. Hambleton, originally from Canada and now a long-time resident of New York City, traveled extensively throughout the States and Europe painting his threatening loiterers in the alleys and deserted avenues of our cities. Over the years millions of people must have jumped at these shadows before seeing they were only quick, splattery paintings. Previously, Hambleton had done another mind-twisting series of street paintings in which white human figures were outlined on the ground, much like the chalk body sketches of murder victims that police do at crime scenes. Often Hambleton would embellish these docu-ghosts with bloody drips of red paint. Looking at his new paintings here in High Art, one can slowly pick out the inherent qualities these two dramatically different types of painting share. There is the same odd mix of two- and three-dimensional attitude. Whereas Hambleton's street art was extreme flatness implying a round figure, his current paintings resound with a thick sense of space shifting between the glazes, where depth extends as far as you can and want to take it. The expressionist vigor of the drips and paint splatters remains, now transformed into a hallucinatory, sea-drenched maelstrom. Ultimately, it seems that both bodies of work are about the imagination. They are not about any specific place, they are not even so much landscapes as they are about the *experience of landscapes*—references to an atmospheric state of mind. ●



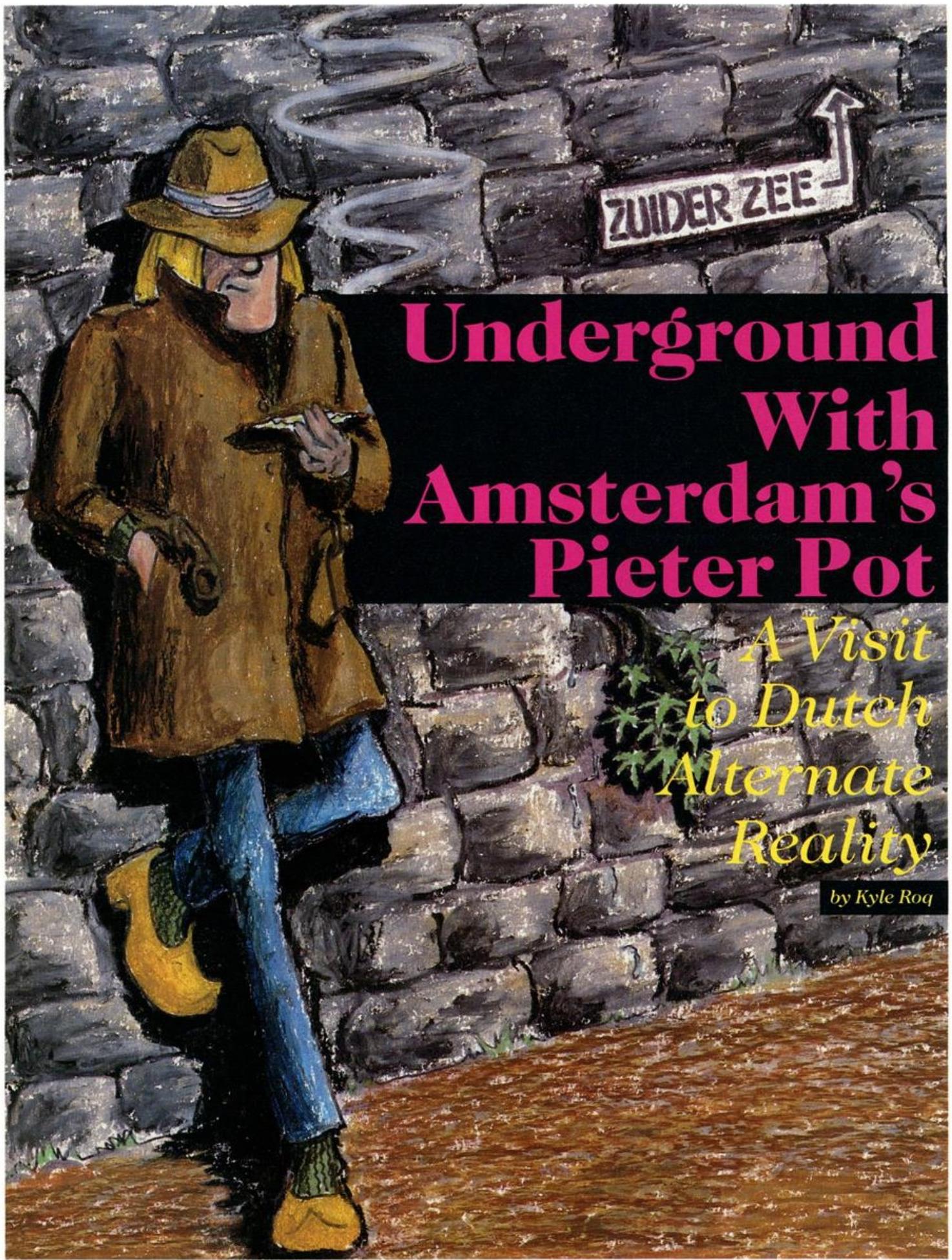
Rainscape with Three Lines, acrylic on canvas, 64 7/8" x 144", 1986.



Event, oil/acrylic on canvas, 64" x 94", 1987.



Untitled, watercolor on paper, 15" x 22", 1987.



Underground With Amsterdam's Pieter Pot

A Visit
to Dutch
Alternate
Reality

by Kyle Roq

Kyle Roq, design consultant at Higher Yield, designed *The Good Buddy* and *The Super Buddy*.

V

Visiting the almost mythical Dutch kingdom of Pieter Pot is not the same as visiting Aunt Hatti back in East Overshoe, Ohio. For one thing, you're nonchalantly greeted with about a pound of prime in nine neatly labeled bags. "That should last you about a week," he said. "Use it or lose it," I thought, since I couldn't bring it back.

Although grass is openly bought and smoked in Holland, pressure from the U.S. and Europe has prevented the Netherlands from legalizing it. You have to be a little compromising when you live under the waterline and all your neighbors have battering rams. But they *have* fought back by creating a peculiar Dutch Alternate Reality (DAR): while it's *almost* legal to buy and smoke, it's not *as* legal to grow.

Once Pieter sells his harvest to the coffee houses, it becomes almost legal dope. But while growing, it's good ol' contraband. And here's a nifty switch: money going *into* his possession becomes dope money—but money going *out* becomes legitimate money. His spending it legally launders it, again backwards from how it works here. Unable to erase grass laws, Dutch Alternate Reality has *reversed* them! Genteel coffee house dope stewards, who sell grass with grace reserved for a fine liquor,



"...behind one of those myriad little wooden Dutch doors, lurked a high-tech grow room..."

are legit. But Pieter Pot remains illegal in both realities.

If you're gonna hang out, it's more fun to hang out with shade. Pieter told me to take a plane to Brussels. He felt it would look too suspicious, for both of us, if I flew directly to Amsterdam. Instead of being pampered on KLM, I paid \$200 more to fly Crunch Class on Air Armpit, connecting in London with Sleazaire, to land me 150 miles from where I wanted to be. He told me to leave the plane with a folded newspaper under my left arm. That's when I replied to the legendary Pieter Pot of Amsterdam, "Gimme a break."

"How then shall we recognize the other?" he asked.

"Name tags." I replied. "Mine will say Kyle. Too simple?"

"No!" Then everyone will know you and know who I am."

As paranoid as that was, it was kinda flattering; especially to someone who hadn't even taken his Dope Writer Vows yet. "Okay, my name tag will say Sam."

"And I hold up a sign for John."

It didn't make sense to me

either, but I was new at this. I wondered if the whole country was like this. I had a flashback of the strange logic of a land below the sea, where ground canals can cross a field on three different heights, and actually flow up to sea level. Escher gone mad.

Anyway, due to a bomb threat, my plane came in late to London. I had a chance of connecting to the plane he was waiting for in Brussels, but unfortunately security was jittery because a bomb *had* gone off at Heathrow that week. Anyone matching the profile of a HIGH TIMES reader was being detained, especially one going to Amsterdam on three different airlines.

While waiting to be frisked for the fifth time, I approached the security guard watching our group. "I have to send a message to the guy waiting for me in Brussels that I won't be on the flight. Can you have them announce it over the airport P.A.?"

"Can't you phone him?"

"I don't have his number."

"What's his name?"

"Uh... I don't know his name. He's a friend of a friend. Just make an announcement that John Smith will be on Flight..."

"John Smith isn't the name on your passport," said the security guard, motioning his elevator size friend over.

"Would you *please* be so kind as to come with us, sir?"

Elevator's eyes didn't suggest the same courtesy.

A *

At the Brussels airport, 19 hours later that same day, a black trenchcoat, looking like a bad trip version of Elliott Ness, held up a sign saying "John Smith." My tag read "HELLO. My name is *not* John Smith."

Amsterdam's underground legend was not amused.

Without moving a muscle, he motioned me to follow him out the airport. He assumed I did, and never looked back.

So here I am, careening at 95 MPH in a Volvo station wagon, in a raining, pitch dark night. Mr. Legend is at the wheel, toking away, trying to decide if he can see better with the headlights on or off.

I had to swallow up just to swallow down.

"Not to worry," says Pieter.

"It's legal to drive stoned in Holland." He treats me to more parallel universe logic: since grass is illegal (just not always enforced), and assuming Dutchmen are law abiding, no one would ever drive stoned, because no one would ever possess. Making it illegal to drive stoned would be to officially admit people are toking. Holland can't do that, remember?

While it's very illegal to drive drunk, it's perfectly legal to drive high?? Sometimes Hollandaise logic can run pretty thick.

A banana-sized joint floated toward me:

Also, short of opening your head and looking for flashing sparklies, the Dutch recognize that there's no test to verify the degree of high. (Bet we could have thought of a few.)

My place to stay that night was behind one of those myriad of little wooden Dutch doors, except behind this one lurked a

high-tech grow room—one of a network of grow rooms in apartments throughout the country. "What happens if you get caught?"

"The police confiscate all my lights." Okay, gang, follow this: In a country where dope is almost legal, grow equipment is priceless, since nobody needs to grow. Confiscating irreplaceable sodium and halide lights is the most severe punishment that could befall a grower. Follow? In the U.S. grass is at a premium, but the most advanced grow equipment is inexpensive and easily available. In Holland grass is cheap, but equipment is expensive and hard to get. DAR reversed reality again.

But wait—it gets stranger.

Growers can get their valuable grow equipment back if they just walk in and say, "Hey it's mine and I want it back."

But then the police can ask for your name. "What would they do to you?"

"Maybe give me a warning. But they'd have my name."

"That's it?"

Jail terms in Holland are light; the maximum for the worst crime (probably punching a hole in a dyke) is two years. Being caught growing is like a game of tag. Better to lose your means of livelihood, than lose, fair and square, at tag.

Tag—you're it!

Jet lag does help comprehension a bit.

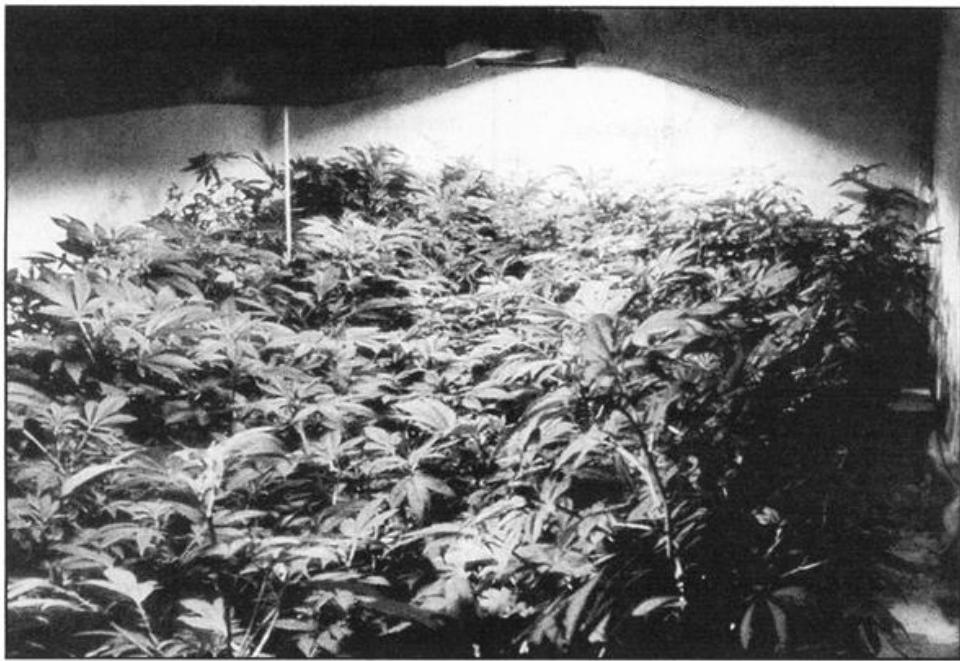
T *

The Hague. Cold, damp and dark. My mattress is on the floor. In the room next to me, a thousand marijuana plants sip



KIP GORDY

Wasn't Cloning By The Fireplace a Bing Crosby song?



KIP GORDY

DAR encourages smugglers over growers—just the opposite of the US. While Pieter's grass is identified and guaranteed choice by its hybrid seed origin, smuggled grass is generally inferior, merely labeled by whatever country the smuggler claims. Today's bag of "Colombian" is not the same as tomorrow's "Colombian." Smugglers only risk it for a few minutes, as opposed to Pieter Pot who maintains grow rooms.

Why does he constantly take the risk, if smuggling is so much easier? He takes a few hits without saying anything. I take a few hits to be ready for his answer.

"Because my grass is better than anyone else's. Soon people will learn. When it becomes legal, Pieter Pot will be like the name Mercedes Benz." He takes another toke. The royalty of the underground casually lets out a smoke ring. "And it's fun." ●

I noticed cables coming out of the walls. Apparently Pieter doesn't pay for electricity. When neighbors get suspicious, he moves. His trail of destroyed apartments becomes an assistance program to the almost homeless. After tearing up flats to grow grass, he lets the politically proper stay rent free, in exchange for restoring the apartments. That often includes taking out crude skylights in plastered ceilings.

Pieter enters with Eric, his non-toking second in command. Eric's primary role is designing massive grow systems, and borrowing electricity.

"Selling to coffee houses is fun," says Eric. "We come to Amsterdam. That's always interesting, even for us. They put us up in a large hotel, on a floor reserved only for growers and smugglers, while they think about our deal. All expenses paid for three days and nights. Booze. Grass. Food. Room service. Partying with all the smugglers. Those are always great times."

I've seen heaven. It's green.

nutrients in the tropics. In February everything looks frigid. Even the strange gothic heaters. Nine varieties on the floor beside me call my name. I have spent worse nights.

But eventually cold is cold. In darkness, illuminated only by the catchlight in my eyes, I steal into the Grass King's vast indoor acreage, his royal estate. I want to be there at bulb rise when the first, faint, tentative quivers of light become flashes, with increasing intensity, building to a brilliant cascade of perfect light, pouring over the plants. (Wow! Did I say that?) I watched the waking heads of seas of future buds come alive!

I am encompassed, caressed by billions of sticky buds, basking in what has to be the original definition of nirvana. I wonder when the dope smelling dogs back in U.S. customs have me pinned to the ground, if they'd believe me when I say I don't have any dope on me—that's just the residual smell of heaven stuck to my clothes. It's latex whoopie glove time again.



KIP GORDY

The Dope King inspects a bag of his Skunk #1. That's not his real hand.

THE NEW REVISED EDITION OF

DR. INDOORS

★ GUIDE TO CANNABIS ★

FEATURING THE BUDIMALS

ONLY \$25.00 plus
postage ... \$3.00 first class
or \$1.00 book rate ...

To fight repression...
\$5.00 from each sale
will go to NORML...

FIRST WE'RE
IN SINSEMINA
TIPS...NOW
HIGH TIMES,
OUTRAGEOUS.

GET A
BUDIMAL
CARTOON SIGNED
BY BRAM WITH
EACH BOOK...

* OVERSEAS: BOOK IS
16oz. [POSTAGE TO
HOLLAND BY AIR \$6.00
BY SEA \$2.00]

SEND TO: **BRAM • DR. INDOORS**
P.O. BOX 20
BRATTLEBURY, VERMONT
05301

"Now there is a grow book that is really full of new ideas..." -Sinsemilla Tips

THE SECRET GARDEN MARIJUANA

by George Lassen

This is the ONLY book that deals specifically with how to keep your garden a secret. The information has been sifted from interviews with hundreds of active growers over a 15-year period.

George Lassen writes about high-tech automated gardens. It's a down-in-the-trenches, nuts-and-bolts approach to growing. Everything here has been time-tested and proven in the field under extreme conditions.

Included are directions and formulas for mixing the finest soils on earth and tea mixes that will add zip to your plants. You will learn how to stop and control any predator.

Lots of charts, diagrams and photos including "CAMP's Raiders of the Lost Pot."

For your copy, send \$14.95, (includes postage and handling.) California residents send \$15.73, (includes 78¢ state sales tax.) To:

REDWOOD PRESS

P.O. Box 703 Dept. H, San Carlos, CA 94070
Allow three to five weeks for delivery, 10 extra days for personal checks.

"Headbands off the George Lassen. He seems to have the right (on) attitudes toward life, labor, and laughing" - Tommy Wayne Kramer

D R. INDOORS

continued from page 58

If I wanted to get a commercial system here in Michigan, where should I go?

ER: Superior Growers Supply (SGS) in East Lansing.

DI: You can visit SGS or open up a copy of HIGH TIMES. There are lots of reputable systems and companies.

Do you recommend the new horizontal lights?

DI: Yes. Horizontal bulbs give more light. If you're going to use light, you want the most efficient light available. I can see that we're running out of time. So remember to keep your garden secret and support NORML. NORML can help us to get the right to our own gardens legally.

ER: Before anybody leaves, we're going to take a contribution for NORML. We've given you some good information and I think you should return some of it to NORML. They're doing such a job in trying to protect us. Remember the bash tonight in the Michigan Union Ballroom.

After the seminar I went to Superior Growers Supply in East Lansing. The store is an excellent example of what a grow store should be. The front of the store contains a prolific vegetable garden filled with tomatoes, green peppers and flowers. The garden is clean, neat, and shows how their system looks and works. The rest of the shop is filled with shelves of hydroponic equipment and grow accessories. Everything was easy to spot due to the use of color coding. The owners, Jeff and Chris, who developed their system after going to Holland, were very informed. By growing vegetables they have documented, hands-on experience with their hydroponic system. They share this knowledge with their customers. I left Michigan filled with good feelings. The NORML rally was well received, people came to the seminar with good questions, and SGS was an indication of the art of indoor growing as done there. I look forward to next year's Hash Bash and a return visit to SGS.

Let's make Dr. Indoors #1 on the Top 100! All the money will go to NORML. Send all questions and comments to Dr. Indoors c/o HIGH TIMES, 211 East 43rd St. New York, NY 10017. Photos would be appreciated and those wanting personal response should send a SASE with their letters. By submitting your photograph(s) you hereby grant permission to publisher to reprint the photograph(s) in HIGH TIMES magazine as well as any other Trans-High Corporation publications. ●

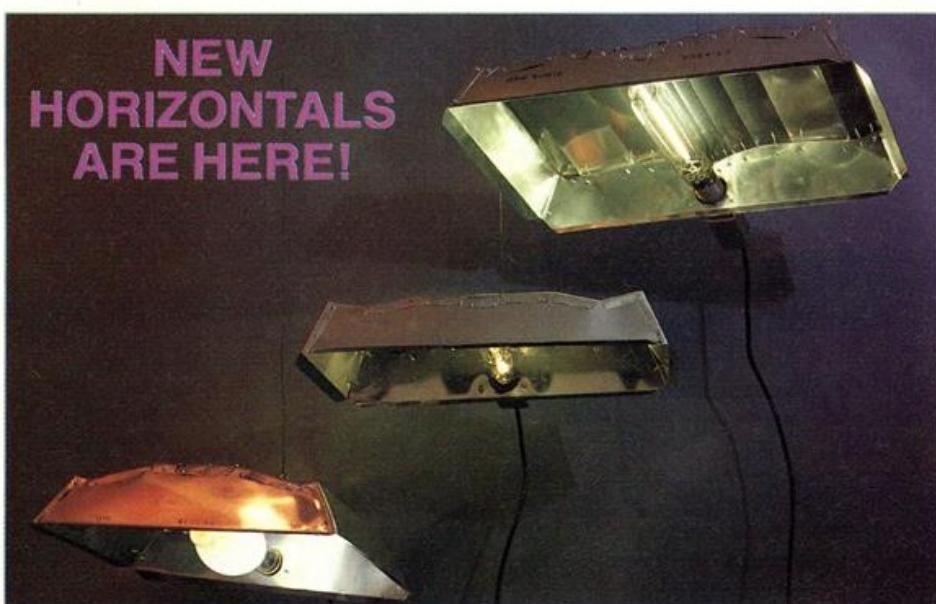
PRODUCTS



NEW FROM SPEEDBUD

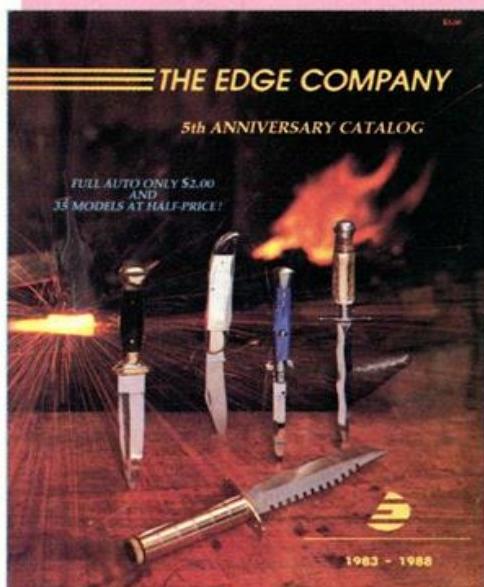
The Speedbud Hydroponic System is a cheap, tough, bombproof method of turning out the finest plants in the shortest possible time. These units are completely self-contained and can be used indoors or outdoors, even in a coat closet! For under \$50, the manufacturer will send you everything you need (except lights and seeds). Best of all, the information is free! Write to **Speedbud**, PO Box 7148, Klamath Falls, OR 97602 or call (503) 883-8498.

NEW HORIZONTALS ARE HERE!



Based on a European computer-generated design, which HYDRO-TECH has modified for indoor use, these reflectors (for sodium and some halide lamps) are superior to European models in at least three ways: they offer a slightly deeper reflector for more directionality, remote ballast for lighter weight and ease of use, and best of all, are less expensive than European models. Their mirror-like

finish reduces reflective loss caused by multiple bouncing inside the hood and can be mounted horizontally or vertically. For a catalog, send \$1 to **Hydro-Tech**, 3929 Aurora Ave N, Seattle, WA 98103 or call (206) 547-2202. Hydro-Tech also has a retail store at 10929 NE Sandy Blvd, Portland, OR or you can call them at (503) 254-7466.



SHARP CELEBRATION!

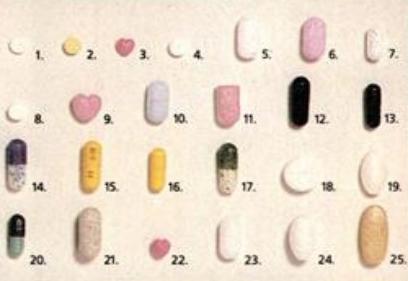
The Edge Company is celebrating their fifth anniversary, and they have a special offer for our readers! You can get their new, full-color 1988 Anniversary Catalog (showcasing over 40 knives at half-price) absolutely free if you call **1-800-445-1021** and mention that you read about them in your favorite mag (that's HIGH TIMES, of course!). This beautiful 28-page color catalog features their collection of front- and side-opening stilettos, automatic knife kits, lock-backs, butterflies, and many more. In addition to this great selection of budcutters, the catalog contains stories of knife forging, fighting, and hunting from Neanderthal times to the present. And all their hardware comes with an unconditional money-back guarantee! So join the celebration!

NFS SUPPLY INC.

THE ENERGY SOURCE

Mental Alertness Aids,
Diet Aids & More:

#1-4 Ephedrine Tablets	\$20.95/1000, \$6.95/100
#5-10 Caffeine Tablets	\$25.95/1000, \$7.95/100
#11 Magnum 357	\$30.95/1000, \$8.95/100
Extra Strength Caffeine Tablets	
#12-17 Caffeine Capsules	\$35.95/1000, \$9.95/100
#18 Soma-Pap Sleep Aid	\$12.95/100
#19 L-Tryptophane Sleep Aid	\$8.95/60
#20 CPC Cold Capsules	\$12.95/100
#21 Grapefruit Diet	\$9.95/60
#22 PPA Diet (Phenylpropanolamine)	\$9.95/100
#23 Fast-a-Caine Diet	\$12.95/100
#24 Super Nite Diet	\$9.95/60
#25 CCK Diet	\$9.95/60



NFS SUPPLY INC.

1920 N. Vancouver
Portland, OR 97227Toll Free:
(800) 342-6555In Oregon:
(503) 282-8884

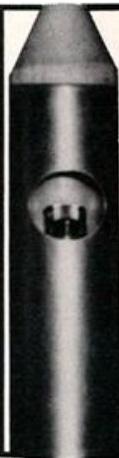
- \$3.50 Handling Fee on All Orders \$25.00 or Less
- Order C.O.D. or Visa/MasterCard
- Unconditional Moneyback Guarantee
- Orders Shipped Within 24 Hours
- No Sales to Minors
- Use Only as Directed
- Offer Void where Prohibited by Law
- Prices & Inventory Subject to Change Without Notice

Includes:

- Basic Unit
- 15 gallon reservoir w/lid
- Submersible pump
- Support cradles
- 24 hour timer
- Rock wool cubes
- pH test kit
- Grow cups
- Grow & bloom nutrients



PLEASE SEND CHECK/MONEY ORDER TO:
OASIS
P.O. BOX 1539 Call (618) 877-2275
GRANITE CITY, IL 62040



WIND PROOF PIPE & LIGHTER PIPE & LIGHTER IN ONE!! ONE-HAND OPERATION IN WINDY CONDITIONS!!

★ EASILY SMOKE WITH ONE HAND ★
★ ON YOUR BIKE, IN YOUR CAR, ETC. ★

Uses a mini BIC lighter or others of similar design.

Made of high-quality Aluminum Alloy.

CHOICE OF THREE COLORS - RED, BLUE, GOLD

ONLY \$24.95

+ \$2.50 S&H + 6 1/2% TAX IN CALIF.

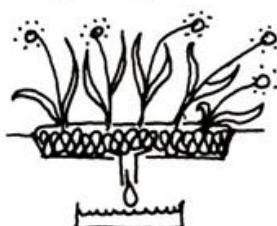
SEND CHECK OR MONEY ORDER TO:

DEAN ENTERPRISES, P.O. Box 477, Dept. H
VAN NUYS, CALIF. 91401

Dimensions: 5" X 1 1/8"
Lighter not included

Please Allow 6-8 Weeks for Delivery

SPEEDBUD HYDROPONIC systems
quick.. Buds in 90 days from clones
easy.. All you need is light and seed
cheap.. Under fifty dollars
discrete.. Fits in a clothes closet
guaranteed.. Period



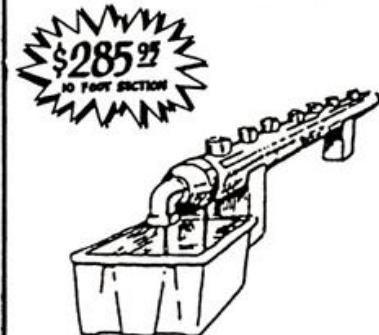
We can't tell you all about it here, but call or write and we'll send you a package that will, free! After years of experimentation, we have the right combination of nutrients, techniques, media, and materials to make your growing efforts count. Call now - it doesn't cost anything to find out!
(503) 883 8498 P.O. Box 7148, Klamath Falls, OR 97602

NEW

OASIS Indoor Garden Supply

The first easily expandable Hydroponics System available is also the most easy to set up and maintain!

Plus, its easy to clean and water level remains at proper level to prevent stem rot.

**Includes:**

- Basic Unit
- 15 gallon reservoir w/lid
- Submersible pump
- Support cradles
- 24 hour timer
- Rockwool cubes
- pH test kit
- Grow cups
- Grow & bloom nutrients

SECRET OPERATIONS

THE CONSTRUCTION AND OPERATION OF CLANDESTINE DRUG LABORATORIES by Jack

B. Nimble reveals how to select a location for a clandestine drug laboratory, how to cover your tracks, safety precautions, and when and how to shut down your operation to keep out of the slammer. This book is sold for informational purposes only. Order your copy today! 1986, 5 1/2 x 8 1/2, 60 pp., illustrated, soft cover. \$10.00

HEROIN, MORPHINE, OPIUM....

FLOWERS IN THE BLOOD: The Story Of Opium, by Dean Latimer and Jeff Goldberg.

Opium has played a dramatic and varied role in human history, inspiring religious veneration, scientific exploration, the bitterest rancor, and the most fanciful ecstasy. Here you will discover: Why there was no opium problem in 19th Century England and America despite unprecedented and unrestricted consumption of opiates ★ The unique role played by Chinese opium in the birth of the American labor movement ★ How opium works in the body ★ Details of the addictions of the famous literary opium-eaters of the 19th Century ★ The progress of anti-drug laws ★ And much, much more! 6 x 9, 318 pp., illustrated, indexed, hard cover. \$16.95.

Loompanics Unlimited HT-1
PO Box 1197, Port Townsend, WA 98368

Please send the books I have marked above. I have enclosed \$ plus \$3.00 for shipping and handling.

Name _____

Address _____

City _____

State _____ Zip code _____

ASK ED

continued from page 60

Dear Ed,

I've heard that hops is a close relative of marijuana. If one grafted a hops stem to the roots of a marijuana plant, would the graft take? Would the resulting hops flowers contain THC?

—Buds for Suds,
Poughkeepsie, New York

The graft would take. The hops scion would produce hops flowers and the chemicals that a hops flower would normally produce. As with any scion, the grafted section would retain its own characteristics.

Dear Ed,

I have a few questions.

Can freshly harvested seeds be planted right away or should I wait a few months?

If I start seedlings under 12 hours of light instead of 18 hours will they show sex after two to four weeks? Can I turn the light back to 18 hours for growth and back to 12 to flower them?

—J.M.,
Grand Rapids, Michigan

The seeds can be planted immediately.

The seedlings will indicate soon after germination and can then be placed into vegetative growth by raising the numbers of hours of light. But why 18 hours daily? Cannabis responds to light in a linear fashion. The more light they receive, the more they photosynthesize and the more they grow. They do not need a "rest" period. For fastest growth, keep the lights on continuously.

Dear Ed,

In a two bedroom apartment will six 1000-watt halides draw so much power that it will be suspicious?

—SBB,
Colombia

It's not a good bet.



continued on page 73

NORTHWEST IMPORTANT SAFETY MESSAGE

ODOR SLAYER

MADE IN U.S.A.

ACTIVATED CARBON SYSTEM

PAT. PENDING

Don't Let It Happen To You.

Quiet Portable 25# Made of Stainless Steel
and Rubber Maid Material

Avg. 30¢ a day to run. **\$467.37**

1 Year parts and labor guarantee.

Allow
6 to 8 Wks.
Delivery

100% 30 Day
Money Back
Guarantee

Call (509) 92-CLEAN. Dragon Enterprises

P.O. Box 574, Veradale, Wash. 99037

CLASSIFIEDS

DO YOU HAVE A NEW OR UNUSUAL PRODUCT?
STARTING A NEW BUSINESS?
WANT TO GET THE WORD OUT?
OR HOW ABOUT A PERSONAL AD TO MEET NEW PEOPLE?
OR TO SHARE GROWING TIPS?

CLASSIFIEDS GET RESULTS!
CALL 212 972-8484 EXT. 23



THE MARIJUANA '87
SEED CATALOG '88



SUPER SATIVA SEED CLUB



EXOTIC SEEDS FROM
AMSTERDAM



YES! PLEASE SEND ME A FREE
COPY OF THE MARIJUANA
SEED CATALOG '87-'88

NAME

ADDRESS

TOWN

STATE/ZIP

SEND VIA AIRMAIL TO:

S.S.C. - POSTBUS 1942

1000 BX AMSTERDAM - HOLLAND

DISCRETION ASSURED.

THE MARIJUANA SEED CATALOG '87-'88

33 COLOR PICTURES

TOP QUALITY MARIJUANA SEEDS INDICA'S, SATIVA'S

U.S.-TOPSTRAINS AND EXOTICS AND HYBRIDS

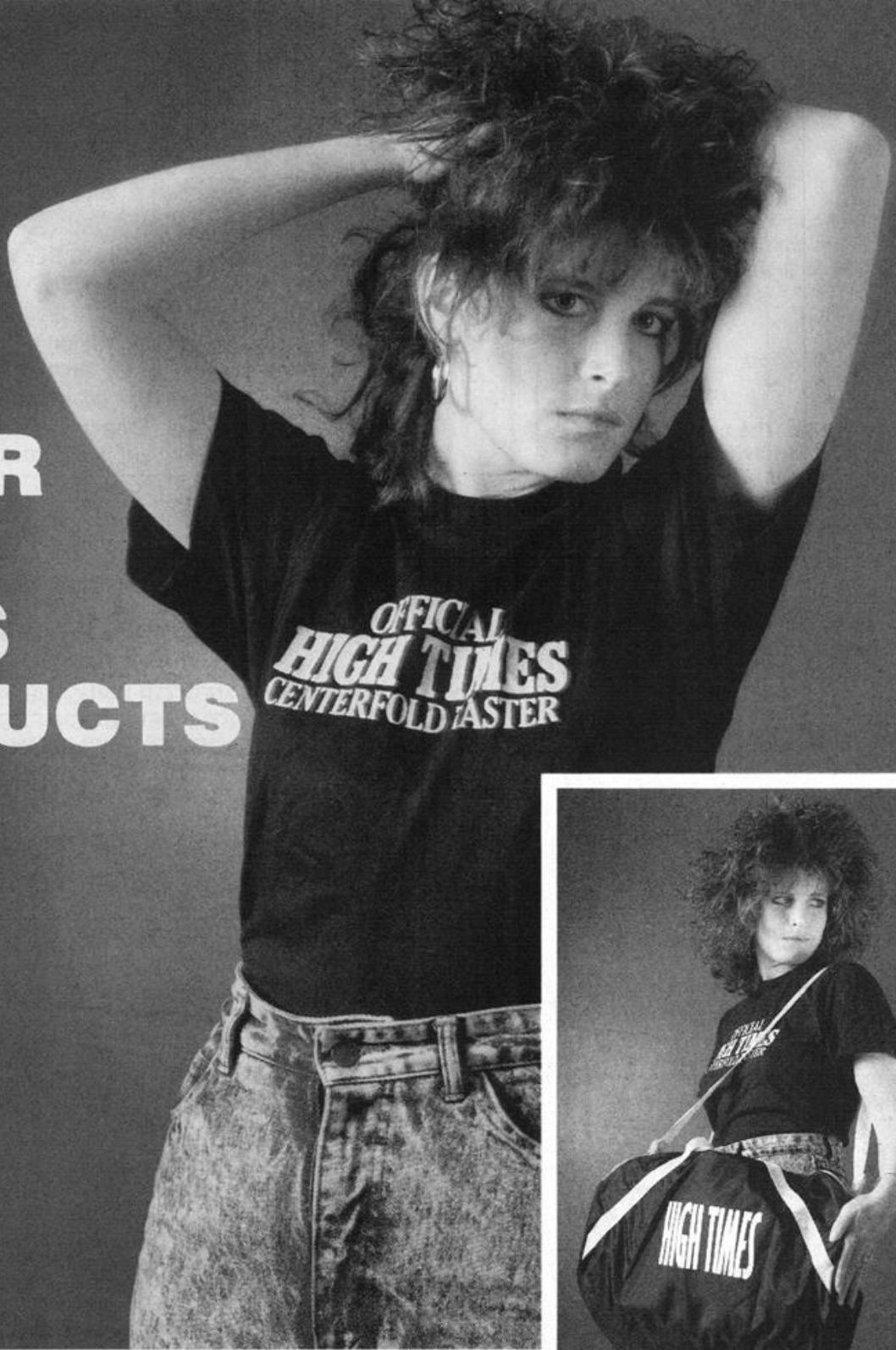
CAREFULLY BRED FOR INDOOR AND OUTDOOR

GROWING

MARIJUANA SEED BREEDING AND PRODUCING
IS OUR PROFESSION

A N E W A G E S E R V I C E

ORDER HIGH TIMES PRODUCTS NOW!



**CALL TOLL FREE
FOR ORDERS ONLY**

800-435-0715

In Ill. 800-892-0753



Payment enclosed
 MasterCard Visa



Card # _____

Expiration date _____

Signature _____

HIGH TIMES
PRODUCTS
P.O. BOX 410
MT. MORRIS, IL 61054

CODE Product

TB High Times Tote Bag
HTC High Times T-shirt

Please allow 6-8 weeks for
processing and delivery.

	Quantity	Price	Cost
TB	_____	x \$7.95 =	\$_____
HTC	_____	x \$7.95 =	\$_____
		Subtotal	\$_____
		Postage & Handling	\$ 1.95
		Total	\$_____

sizes: S M L XL

Name _____ HP68

Address _____

City _____ State _____ Zip _____

JOHN EDER



The leading edge
in growth technology



Mon-Thur 10-7, Fri 10-6

Sat 11-6, Sun 12-5

COMPLETE

Halide Packages

High Pressure Sodium Packages

Reflectors

Hydroponics

Drip Irrigation Systems

Timers, Breakers,

CO₂ Supplementation,

Fertilizers & Nursery Supplies

(U.L. LISTED)

Authorized Distributor
for General Hydroponics.

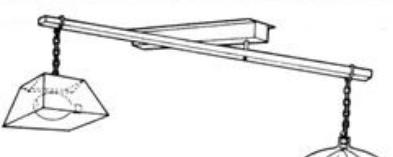
**Send \$1 for Catalog to:
Seattle, Washington**

PORLAND STORE:

10929 N.E. Sandy Blvd.
Portland, OR 97220
1-503-254-7466

SEATTLE STORE:

3929 Aurora Ave. N
Seattle, WA 98103
1-206-547-2202



WHIRLIGIG LIGHT TURRETS

The Original Automatic Light Rotator!

- ADJUSTABLE-GETS LIGHTS WITHIN AN INCH OF PLANTS WITHOUT BURNING
- WORKS WITH ANY SYSTEM
- COVERS AREAS 8' SQ MIN. TO 14' SQ MAX.
- LIFE TIME GUARANTEE ON ALL PARTS - MOTOR 1 YEAR GUARANTEE
- TWO MINUTE CYCLE
- SOLD AT MOST INDOOR GARDEN STORES

Best Buy for the Dollar! **\$119.00**

For more information write or call:

THE REED COMPANY
16714 S. MERIDIAN ST. #239
PUYALLUP, WA 98373
(206) 847-7601 IN WA



1-800-826-8259

ASK ED

continued from page 71

Dear Ed,

I recently purchased a Hydrofarm Solo. An instruction book came with the kit. According to the instruction booklet, the reservoir should be topped off with nutrient water solution as the level gets low due to transpiration and evaporation. Wright doesn't say whether to top off with clear water or nutrient-water solution. Wouldn't adding more fertilizer increase the concentration of the mix? After all, the water evaporates but the fertilizers don't. Wouldn't this result in over-fertilization?

—Tree Man,
Stratford, Connecticut

Use clear water. You are right. Adding water-nutrient mix each time you top off would result in over-fertilization.

Dear Ed,

I started some seeds and one of the seedlings came up with the seed pod stuck over the primary leaves. I removed the pod and let the primary and first leaves unfold. They were stunted. The plant grew a set of single leaves and then grew a stalk off of the leaves. The stalk has developed a large number of branches and is an extremely dominant female compared to the rest of the garden. The top is crescent shaped like a celery stalk and covered with flowering tops. Was this heavy growth caused by the early stress of the seedpod staying in place?

—Deadhead in Heaven,
U.S.A.

The unusual configuration of the plant is of genetic origin. The reason that the leaves were stuck in the pod was because of their unusual design. If the unusual growth were caused by environmental factors, new growth (after environmental stresses were removed) would look normal. The best way to preserve this plant's genetic qualities is by cloning.

Dear Ed,

Is it true that THC is fat-soluble and stores in your body, to be released slowly for three to four weeks thereafter? Also, in what doses is THC toxic?

—The Outsider
Irving, Texas

THC does not store in the fat of the body. Metabolites of THC do, though. The differentiation is important. The metabolites, which have been processed by the body, cannot get you high as they are released from the fat. They are released for up to eight weeks.

continued on page 75

NUTRIENTS

Use Only The Best

-Exacting quality control for soil or hydroponics.

-Proportionate chelated micro-elements

-Self-adjusting pH stays balanced

-100% soluble powder concentrate

ORDER NOW!

No. of lbs	Foliar Spray Compatible wi/ Insecticides	No. of lbs	Vegetative:
<input type="radio"/>	32-10-10	<input type="radio"/>	20-6-16
<input type="radio"/>	25-0-25	<input type="radio"/>	20-10-20
<input type="radio"/>	Root Booster 10-55-10	<input type="radio"/>	Bloom Booster 9-30-12
		<input type="radio"/>	6-30-30

One lb \$9.95/3lb. \$24.95/+ \$2 P&H
Indicate no. of lbs. in circles above.

NAME: _____

ADDRESS: _____

SEND CHECK OR M.O. TO

Foothill Hydroponics

10750 Burbank Blvd. N. Hollywood Ca. 91160
Chemicals separately available upon request.
For more info call (818) 760-0688

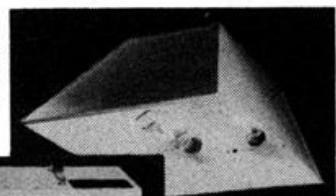
NEW!

The **TANDEM®** series

now combines the power of

**HALIDE and SODIUM
in ONE LAMP!**

Tandem 4
with
Flying M
Reflector*



► Switch
selectable ballast

MORE light
than a 1000w halide but with LESS
power. BETTER spectrum!

Don't be fooled by flimsy copies.
Ask for test results and then decide.
Geotechnology has been manufacturing
horizontal reflectors longer than all the
competition COMBINED.
No assembly required.

Tandem 4—400w MH/HPS \$319
Tandem 10—dual 1000w system \$525
*Add \$59 for Flying M on Tandem 4 (included in Tandem 10)

Geotechnology

The high tech lighting company

1035 17th Avenue, Santa Cruz, CA 95062
(408) 479-9981 CA, (800) 346-2321 USA

Ask for our free catalog
and we'll also send a list
of free technical literature
©Geotechnology 1988

BEST!

Switching to High Pressure Sodium has never been easier. Or cheaper.

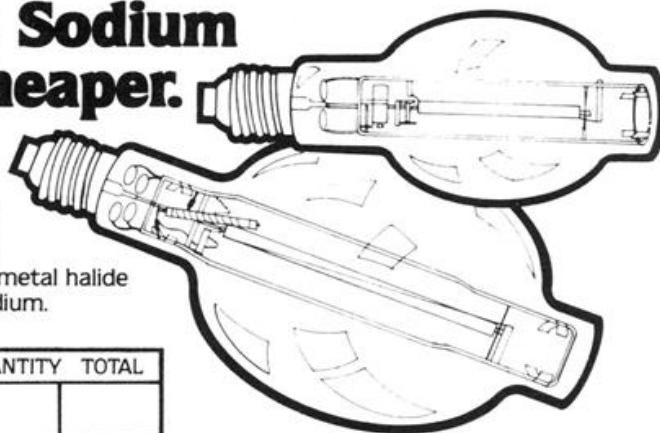
You asked for it. You got it. Energy Savers is pleased to announce high pressure sodium bulbs specifically designed for metal halide lighting systems.

Easier.

When your plants are ready to bud and flower, simply change the light bulb.

Cheaper.

Now, you don't have to invest in a whole new lighting system just to switch from metal halide to high pressure sodium.



		LUMENS	PRICE	QUANTITY	TOTAL
	1000 WATT CONVERSION BULB	USES ONLY 940 WATTS— HAS ONE YEAR WARRANTY	140,000	\$139.00	
	400 WATT CONVERSION BULB	USES ONLY 360 WATTS— HAS ONE YEAR WARRANTY	50,000	\$69.00	
	GIANT 1500 PAGE CATALOG FEATURING BLOWERS, FANS, PUMPS, MOTORS AND 15,000 OTHER ITEMS		\$ 5.00 (Refunded with first purchase from catalog.)	SUBTOTAL	
				CA RESIDENTS ADD 6.5% TAX	
				C.O.D. CHARGE (\$2.00)	
				SHIPPING AND HANDLING	\$ 3.00
See our other fine products on the inside front cover ad.				TOTAL	
CALL TOLL FREE OR MAIL IN YOUR ORDER	(800) 421-2994	OUTSIDE CALIF		ACCOUNT NUMBER	
	(800) 538-3400	INSIDE CALIF			
NAME				INTERBANK NO.	
ADDRESS				MASTERCARD ONLY	(THE NUMBER OVER YOUR NAME)
CITY	STATE	ZIP		EXP. DATE	MO. <input type="checkbox"/> YR. <input type="checkbox"/>
DAYTIME PHONE				SIGNATURE FOR CHARGE ORDERS	

The latest technology has created a unique, energy-saving sodium bulb that runs off of your existing metal halide ballast. Using less electricity and having a life expectancy of 24,000 hours, you can realize enough savings in energy, in just one year, to virtually pay for the bulb itself.

Order your own high pressure sodium bulb for your existing metal halide system today. And make the switch to sodium lighting without making the investment. Works with mercury vapor ballasts, too!

ESUTM ENERGY SAVERS UNLIMITED, INC.



22138 S. VERNON AVE. #C
TORRANCE, CALIFORNIA 90502

Essential Information from QUICK BOOKS



MARIJUANA GROWER'S HANDBOOK / Revised, Indoor / Greenhouse Edition, Spiral Bound, Ed Rosenthal

The best book on indoor growing for both the novice and advanced grower. Tells you everything you need to know to set up and grow a primo garden. Detailed chapters on growing methods, hydroponics, watering, manuring, sexing, lights, nutrients, cloning and much more. The new Advanced Flowering section details info on regulating flower cycles for all varieties. Has maps, charts, graphs, many photos and illustrations, index, catalog and bibliography. 252 pages. \$19.95



MARIJUANA HYDROPOONICS: HIGH-TECH WATER CULTURE Daniel Storm New From Quick—A large format book describing how to set up and maintain a water culture marijuana garden. Describes how-to-do-it step by step. Chapters on every aspect of growth. Lots of photos, charts and illustrations. 115 pages. \$14.95



MARIJUANA GROWING TIPS Specific growing information for indoor and outdoor gardeners (chapters on soils, lights, CO₂, cuttings, choosing seeds). Also describes cultivation and curing techniques practiced all over the world, including Morocco and India. Contains the most complete interview ever given by Dr. Carlton Turner who ran the government-sponsored pot farm at the University of Mississippi. This interview contains important information about cultivation, THC chemistry, and government policies regarding marijuana. 225 pages, photos and illustrations. Spiral bound. \$15.95



CULTIVATOR'S HANDBOOK OF MARIJUANA REVISED EDITION Bill Drake Drake's classic bestselling Cultivator's handbook is totally revised and expanded. It contains the most up-to-date information on the art and process of growing the finest marijuana for both the outdoor and indoor cultivator. 233 pages with over 100 photographs. \$14.95



MARIJUANA QUESTION? Ask Ed, Spiral Edition, Ed Rosenthal

Is a compilation of several years of questions and answers regarding marijuana cultivation, culled from Ed Rosenthal's popular, long-running "Ask Ed" column in High Times. Each answer by Ed has been revised and updated in 1986 to include the latest available horticultural information on the topic. Chatty, witty, eminently readable, each question and answer has been thoroughly indexed for use as a comprehensive reference work for victory gardeners. Chapters are included on cultivation practices, varieties, genetics, cutting, pests, curing, smoking, eating and the legal aspects of marijuana cultivation. Thirteen chapters with over 80 photos, diagrams, charts and index. \$19.95



MARIJUANA BOTANY R.C. Clarke Marijuana Botany has detailed chapters on marijuana life-cycle, propagation, genetics and breeding, maturation and harvesting. In addition, it has detailed appendices on environment and potency, sex determination, cannabinoid biosynthesis, and growth and flowering. Clarke used information from government researchers and master California growers. 220 pages, profusely illustrated. \$14.95



MARIJUANA GROWER'S GUIDE DELUXE EDITION, Spiral Bound Marijuana Grower's Guide by Mel Frank and Ed Rosenthal is the grower's bible. This is the basic book from which all other texts take off, and is written for either the smallest or largest scale growers. Sections on: indoor and outdoor cultivation, breeding, grafting, sinsemilla, drying, curing, cannabis botany and chemistry. Tells you everything you need to know to grow crop after crop of the best, indoors or out. 350 pages, with dramatic 16 page color section and over 150 black and white photos. Discloses secrets of master grass farmers. \$19.95



P.O. BOX 477 SAN FRANCISCO, CA 94101
Write order on separate sheet

Name _____ (please print)

Street _____ (no P.O. boxes for U.P.S.)

City / State / Zip _____

I am enclosing: Check Money Order for \$ _____

Bill my MasterCard / Visa

Card # _____

Expiration Date _____

Signature _____

Add \$4 postage and handling per order. Books are shipped UPS to street address only. To ship via First Class Mail to a P.O.B. send a total of \$6 for postage and handling. European orders add a total of \$10 per order postage and handling. All foreign orders must be in U.S. dollars. CA residents add 6% sales tax. For fastest service use a credit card or money order. Personal checks are held 2 weeks. ALL PRODUCTS ARE SENT TO YOU IN A PLAIN BROWN PACKAGE. OUR MAILING LIST IS COMPLETELY CONFIDENTIAL. WE DO NOT SELL OUR MAILING LIST! Send orders to Quick Trading Co., P.O. Box 477, San Francisco, CA 94101. Send \$1 for complete product catalog which is refunded on first order.



TO CHARGE BY PHONE
CALL TOLL-FREE NATIONWIDE

California callers 800-428-7824 ext. 102

Non-California callers 800-428-7825 ext. 102

\$20 phone minimum

Visa and Mastercard Only



ASK ED

continued from page 73

Dear Ed,

One of my seeds didn't poke through the soil and when I checked, I found small wiry worms around the seed case and tap root. They were white in color. What were they?

—???,
U.S.A

Sounds like some sort of cutworm. There are very effective biological controls for these pests. Bacillus thurengensis (BT) type insecticides contain bacteria which cause plague in cutworms, and Neem, which contains predatory nematodes.

Dear Ed,

I have two questions and some tips. After changing the photoperiod from 18 to 12 hours plant growth slows for about two weeks. Is there any point to adding CO₂ to the air during these two weeks?

According to your book, an eight hour photoperiod (eight hours on, 16 hours off) will induce flowering the quickest. If you lower the photoperiod to eight hours for two weeks and then back up to 12, would this affect the yield? Is it a good idea?

I've kept pollen viable for over six months wrapped in paper inside plastic bags filled with rice, in the butter compartment of the refrigerator.

Also, I've found that plants flowered at six weeks will get you high. The same plants grown another month or more will give you the same high, but it lasts longer.

—Green Dragon,
Upstate New York

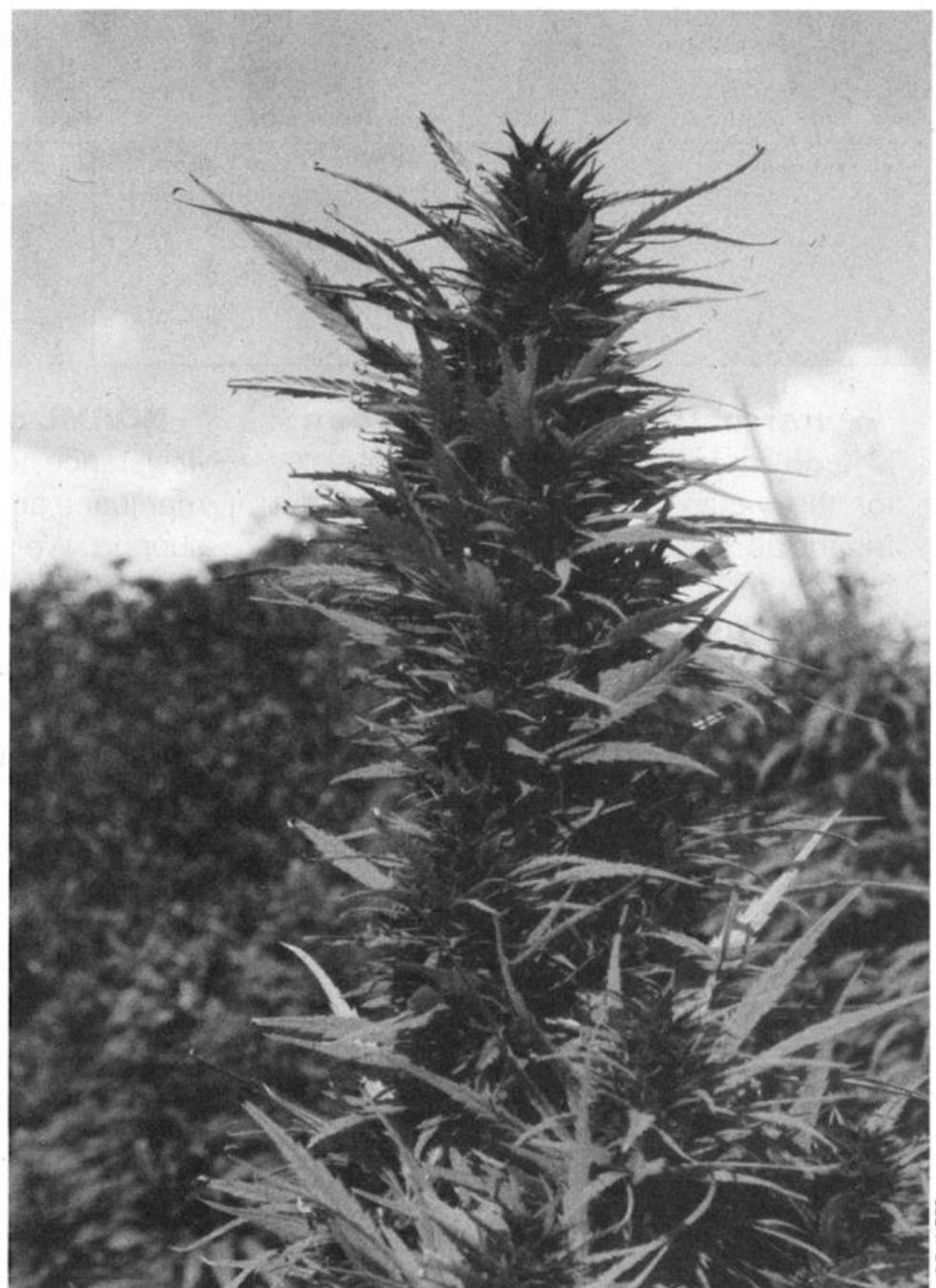
Although visible growth slows when the light cycle is changed from vegetative to flowering, the plant is still photosynthesizing and producing sugars. These processes are affected by the amount of CO₂ available. Adding CO₂ during this time will decrease the length of the changeover period.

The second question has me stumped. Has anyone out there experimented with the flowering cycle in this way? Readers should be cautioned that while an eight hour on period decreases flowering time it also decreases bud production considerably. It is most useful when doing breeding.

Dear Ed,

I'd like to compliment you on your reply to the individual who decided to nationalize and minimize the fact that he informed on someone else in order to save his own skin. He seemed like he was proud and gloated over the fact. What he has done is help us climb another step towards the totalitarian state.

It pisses me off so much because I am awaiting trial on a pot trafficking charge in



DR. WEED

Florida. Not just your typical pot case, but a "reverse sting" where the police, through the use of an informant, actually create a crime, bust a person and seize their money and the property which was used to "purchase" pot from the police.

The individual who entrapped me has been busted by the U.S. Marshall's office, the DEA, local Texas police depts., and the Texas Dept. of Public Safety a total of 11 times since 1975 and he is currently awaiting trial, which will never happen, on an organized crime charge in Texas. In each case, he turned in his friends and associates, went to work for the police, then went back to dealing.

Shortly after my arrest, while we were still awaiting trial, the police asked us to cooperate, to be their friends. My ex-attorney, a former state prosecutor, suggested that we give confidential information about friends at home or

bring people to Florida to get busted.

I said, "No way." Why should I set up friends at home? My home is home, and I'm not a low-life.

My new attorney is a defense lawyer and has always been one. We are trying to win on a precedent already set. We've got a motions date set soon.

I have a wife and a six-month-old child, so the prospect of prison is frightening. I have never been convicted of anything and I don't know how I'll support my family if I end up in jail. But I will not rat my friends out. If I have to go to jail I will, but I will not fuck other people over, and anyone who refuses to accept responsibility for their actions and cooperates with the police is a fuckin' piece of shit who deserves to be castigated by society.

—Cossack,
Pennsylvania

continued on page 77

WANTED

6. LEFT THUMB



7. LEFT INDEX



8. LEFT MIDDLE



9. LEFT RING



10. LEFT LITTLE



An arrest for marijuana can be a devastating experience, not just for the victim, but for the family and friends as well.

Even those who don't go to jail can face an arrest record, probation, urine testing, property confiscation and the humiliation and shame associated with a trip through our criminal justice system.

Unfortunately, people **ARE** going to jail for marijuana. And the numbers are increasing. A community social worker in Texas was just sentenced to 60 days in jail and fined \$1500 for possession of 2/10th's of a gram of marijuana. It was her first offense.

These people need our support.

NORML provides legal referrals and assistance, credible information about marijuana and the reassurance of moral support. We need your help!

If you or someone in your family has been arrested for marijuana, please write us about your experience.

If you or someone in your family has submitted to a random urine test and lost their job due to an inaccurate result, please write us about your experience.

If you have not yet been arrested or urine tested for marijuana, please help us help the victims while we work together to prevent it from happening to you!

Please send a generous donation or join NORML today!

1. RIGHT THUMB



2. RIGHT INDEX



3. RIGHT MIDDLE



4. RIGHT RING



5. RIGHT LITTLE



MAIL TO:

NATIONAL ORGANIZATION FOR

THE REFORM OF MARIJUANA

LAWs 2001 'S' Street, N.W., Suite 640,

Washington, D.C. 20009

(202) 483-5500

NORML, I want to help prevent it from happening to anybody!



Here's my **\$25** regular membership dues.



Here's my **\$15** low-income, military or student membership dues.



Here's my **\$35** family membership dues.



Sorry, I can't join right now, but here's a contribution of \$_____

NAME: _____

ADDRESS: _____

CITY: _____

STATE: _____

ZIP: _____

TELEPHONE: _____

ASK ED

continued from page 75

Dear Ed,

About half-way through the flowering cycle one of my plants turned hermaphrodite and pollinated the entire crop. The plant was not stressed nor was there any irregularity of the light cycle, which I understand can cause this problem. What will the genetic tendency of these seeds be regarding gender?

—The Gentleman Farmer,
Louisville, Kentucky

Very likely the plant turned hermaphrodite because of indoor cultivation conditions which causes some plants to indicate both sexes. The plants from pollen from the hermaphrodite most likely will be all females outdoors. However, indoors the plants may indicate hermaphroditic characteristics.

Dear Ed,

If my water has a pH of 5 and I adjust it to 7, then add fertilizers which bring it up to 8 should I readjust it to 7?

—High Altitude Cave Bear,
Somewhere in Alaska

Adjust the water after you add the fertilizers.

Dear Ed,

My question is about a card game named "Grass." The object of the game was to peddle as much pot as possible. Since I moved from Wisconsin to Missouri I have not been able to find the game anywhere. I checked with Spencer's but they had recalled it because "it was offensive to some people." Can you help?

—Hard up for "Grass",
Missouri

I have never heard of the game. If anyone knows where to get it please let us know. We both want sets.

Hi Ed,

When you are making CO₂ using sugar and yeast how long should you let the containers stand? Can you just add new sugar to the mix or do you have to start new batches?

—Badger,
New Bedford, Massachusetts

The mix should be kept brewing until the CO₂ stops bubbling from an airlock on the top of the container. Yeast becomes inactive when the alcohol content of the mix reaches 9 and 12%. In order to keep them active, you need to start with new mix.

continued on page 82

DOMESTIC
Water-Works
Growers Supply

Since 1976 Since 1976

Collapsible Water Tanks

**HAUL AND STORE WATER
QUICKLY.....EASILY.....ANYWHERE!**

7 sizes....275 to 1340 gallons
FDA approved for drinking
Will not tear, burst or rot

**A POWERFUL DC PUMP
for use ANYWHERE!**

**Simer 12 volt DC
GEYSER BATTERY POWERED \$149.95
PUMP**

Completely Submersible-Will Pump
Continuously in Water ½" or More Deep
Operates on any automotive battery

AUTOMATIC WATER MINDER II

- High Quality, Long Lasting
- Saves Time, Water, and money
- Insures Proper Amount of Water for a Perfect Lawn
- Many Uses
- 2 Year Guarantee
- 2 AA Batteries Last 1 Year

7 Day Programmable Water Minder. Set it and forget it. Program a 7 day period of time, 2 programs a day, any day or combination of days of the week, any hour, day or night.

1	\$44.95 each
6 to 11	34.95 each
12 plus	29.95 each

A NEW CONCEPT IN PLANT CONTAINERS

DOMESTIC Poly Gro-Bags

CAPACITY	DM	MM	SM	L
½ gal.	0	\$18.00	\$75.00	\$125.00
2 gal.	0	25.00	90.00	150.00
3½ gal.	0	34.95	149.95	265.00
6 gal.	5.95	39.95	179.95	295.00
12 gal.	9.00	69.00	295.00	540.00
15 gal.	12.00	89.00	395.00	699.00
30 gal.	21.95	169.00	745.00	Call for price

Sample package (1 each size) \$8.00

1988 CATALOG

48 Pages of Irrigation Supplies
\$1.00 (\$2.00 Air Mail)
(503) 592-3615

All Above Prices Include Shipping

VISA

DW-W

DCS

BOX 809-0
Cave Jct., OR 97523

WHOLESALE GROW LIGHTS

All systems completely wired with 44" reflector. Highest quality lowest noise ballast with 2 year guarantee. All Halide systems come with MS Super Lamps. No misleading ads. No catches. Just the most complete, highest quality systems available anywhere for a price second to none.

COMPLETE SYSTEMS		REPLACEMENT LAMPS	
1000W Halide System	\$165.00	MS 1000W Halide	\$50.00
400W Halide System	\$125.00	400W Halide	\$35.00
1000W High Pressure Sodium System	\$210.00	1000W High Pressure Sodium	\$60.00
400W High Pressure Sodium System	\$170.00	400W High Pressure Sodium	\$45.00
The Original World Famous Maximizer CO ₂ System	\$160.00	Iwasaki Conversion Lamp 940W	\$125.00
		Iwasaki Conversion Lamp 360W	\$65.00

For over eight years, we've carried everything for the serious indoor grower: tracks, suncircles, hydroponics, ion generators, charcoal fans, scales, etc. Please write or call toll free for our catalogue.

CALL TOLL FREE 1-800-544-7956

Emerald City Halide North • 8016 15th Avenue NE • Seattle, WA 98115
Orders Shipped Anywhere

WE MEET OR BEAT ANY PRICE*

**Free Catalogue and
Insect sample**

800-237-3759

STIMULANTS ~ DIET AIDS

100-\$6.00	100-\$7.00	100-\$5.00
1,000-\$20.00	RED AND CLEAR DIET AID 75mg PPA	1,000-\$15.00
200mg Caffeine GREEN, RED OR BLUE SPECK	STRONGEST AVAILABLE WITHOUT PREScription	MINI PINK HEART
PINK HEART 250mg Caffeine	NATIONWIDE PURVEYORS, INC.	MINI WHITE THIN/THICK ALSO YELLOW AND PURPLE
BLACK CAPSULE 200mg Caffeine	P.O. BOX 8482 DEPARTMENT H	ALL WITH 25mg OF EPHEDRINE (DECONGESTANTS)
	PITTSBURGH, PA. 15220	800 BEPERKY
100-\$6.00	QUANTITY DISCOUNTS AVAILABLE	More items available
1,000-\$26.00	NATIONWIDE PURVEYORS, INC.	100-\$8.00
MAGNUM 357mg Caffeine	P.O. BOX 8482 DEPARTMENT H	1,000-\$35.00
325mg Caffeine BLUE WITH BLUE SPECK	PITTSBURGH, PA. 15220	SLEEP AID
OR BLACK		50mg Diphenhydramine
325mg Caffeine		DURO-HARD
300mg Caffeine		YOHIMBE BARK COMPLEX (TURN SEXUAL FRUSTRATION INTO TOTAL FULLFILLMENT)
		60-\$11.95

Master Card, Visa or Discover COD orders accepted

C L A S S I F I E D S

GROWING AIDS

MUSHROOM SPORES/CULTURES and growing supplies. Free Psilocybe cubensis spore print with catalog order. Since 1972. Send \$5.00 to FMRC, POB 8104, Pensacola, FL 32505.

SPIDER MITE PREDATORS—\$35/1000, Whitefly Parasites—\$27.50/1000, Ladybugs—\$5.50/1000, postpaid, fast delivery. CODs, credit cards. Free brochure. Nature's Control, PO Box 35, Medford, OR 97501. (503) 899-8318.

LIGHTS, ROCKWOOL, PREDATOR mites, and more. Retail and mail order sales. Authorized retail centers for Applied Hydroponics' products. Call 1-(800)-444-2837 for free brochure.

EAST COAST HYDROPOONICS now open! Lights and organic gardening supplies for all your growing needs. Come see our new showroom or write for a free catalog. 432 Castleton Ave., S.I., NY 10301. Or call East Coast Hydroponics Nationwide: 1-(800)-255-0121 • NY: (718) 727-9300.

EARTHWORM CASTINGS 10 lbs. \$9.95 postage paid. Cape Cod Worm Farm, 30 Center Ave., Buzzards Bay, MA 02532. (617) 759-5664.

INDOOR GROWING supplies: grow lights, hydroponics, all you need; best quality, lowest prices. For mail order, Hamilton Technology: 1-(800) 458-7474 or (213) 217-0036. For L.A./Orange County Walk-Ins: Hamilton Technology Showroom, 14902 S. Figueroa St., Gardena, CA (213) 217-0036 [just off the 405, 91 and 110 Freeways]. For Georgia Walk-Ins: Hy-Dro-Gro Mini-Farms: Route 1, Cataula, Georgia (2 miles N. of Columbus on Hamilton Road).

FRUIT OF THE GODS VHS Mushroom Video. Learn to cultivate, clone, pronounce, and identify psychoactive mushrooms. Seven years to produce, \$86.00. FMRC, POB 8104, Pensacola, FL 32505.

EXOTIC MUSHROOM Spores and Discount Books. Catalog-\$2. Amanita muscaria Spores-\$10. The Mushroom Cultivator-\$22. Psychedelic Chemistry-\$12. Indoor Marijuana Horticulture-\$14. Postage Paid! Immediate Delivery! FS, P.O. Box 417457, Sacramento, CA 95841-7457.

MAGIC GARDEN SUPPLY Potent Organic Fertilizers, Bat Guanos, Drip Systems, Natural Pest Controls, Free Catalog. P.O. Box 68HT Redway, CA 95560.

FINALLY AVAILABLE Hydroponic garden plans. \$12.95 Hydroplans. P.O. Box 4076 Simi Valley, CA 93063.

MODULAR HYDROPOONICS HID lighting, CO₂ systems. Grow room supplies. Write or call for free catalog. Carolina Hydroponics, P.O. Box 638 Goose Creek, SC 29445 (803) 553-4950.

PARADISE HYDROPOONICS introduces the hottest "how-to" video on the market. This easy-to-follow, step-by-step instruction tape will show you how to set up your indoor garden in anything from a closet to a warehouse. Let the boys show you how! Available from: Paradise Hydroponics, 306 West Harris St., Eureka, CA 95501. Call toll free: 1-(800)-332-GROW; in California call: (707) 445-5720.

MUSHROOM RESOURCE Guide: \$14. Information: \$2. FUNGI SUPPLIES, PO Box 1374, C.H., CA 95611-1374.

HYDROPONIC INSTRUCTION Kit. Grow plants twice as fast! Send \$5.95 to Hydroponic Works, P.O. Box 7218 Mission Hills, CA 91346.

HAWAIIAN DELIGHTS Baby or regular Hawaiian Wood Rose Seeds, a sample \$20 or \$75/oz.; one Hawaiian Panaeolus Cyanescens spore print for \$15; Betel Nuts \$10; Kava-Kava \$20/oz. or \$75/4-lb.; Imported Poppy Seeds \$10 or \$60/4-lb. Allow 6-8 weeks for delivery. Island Spore Co., PO Box 8055, Honolulu, Hawaii 96830.

MERCHANDISE

IS IT TRUE YOU CAN BUY Jeeps for \$44 through the U.S. government? Get the facts today! Call (312) 742-1142, ext. 4648.

UNDERGROUND CONSTRUCTION Have equipment will travel. Completely concealed 16x32 self contained. Miller, 2413 S. Eastern #238 Las Vegas, NV 89104.

HUMBOLDT MARIJUANA Happy Leis. Amaze your friends. Send \$6.00 to Garden of Beadin' P.O. Box 1535 Dept. HT, Redway, CA 95560.

RED FLY AGARIC Mushrooms (Amanita muscaria var. flavivolvata). \$40.00 dried ounce. JLF, PO Box 184, Elizabeth-Town, IN 47232.

WALL BANNERS Huge, Cheap! All rock groups. Free catalog. 1440 E. Broadway, Suite 1156, Tempe, AZ 85281.

RADIO FREE OZ TAPES from the Sixties. \$10 each. Evan Eyerick 2695 Victoria Dr., Laguna Beach, CA 92651.

CLEARANCE! STIMULANT capsules \$9.50/1000. Minis on sale. Sex aids: ADCO 919-854-7857, P.O. Box 7785 Greensboro, NC 27417.

EXOTIC HERBS from around the world. For sample and catalog send \$5.00 cash or M/O to: Herbs Unlimited Ent. Box 147, Manchester, CT 06040

ANABOLIC VITAMINS \$2 + SASE, "B&B," Box 242, Warren, MI 48090.

TRIPPING POSTERS Send \$2 for catalog: Psychedelic Solution, 33 W. 8th St., 2nd Fl., New York, NY 10011.

FREER! LEBANESE LETTUCE, "O," and superdot incense samples and catalog. Low-cost stimulants, etc. also available. (812) 422-4859.

NEW SMOKER'S CATALOG Pipes, waterpipes, much more! Send \$2 or 10 first-class postage stamps to: Tobacco World, P.O. Box 74946 Dept. H, Oklahoma City, OK 73147. U.S. funds only. 1-(800)-847-PIPE.

COMPLETE COLLECTION High Times #1 thru #148 \$1500.00* offer. P.O. Box 1082 Spring Valley, CA 92077-0120.

UNDERGROUND BOOKS Controversial and Unusual, Clandestine Laboratories—\$12. Catalog—\$2. FSS, PO Box 232, Fair Oaks, CA 95628-0232.

HARDCORE VIDEOS Amateur/European/Oriental/Interracial/Lesbian/Hairy Girls/PG/GS/FF/B—Custom Service—More! Shocking! Kinky! Bizarre! Unobtainable Elsewhere! Graphic Lists/Descriptions—S.A.S.E.; \$2.00 (refundable): AMATEX, PO Box 8020, Youngstown, OH 44505.

LEROCK ROOM ODORIZER \$10.00/gram, \$95.00/oz. Knight, P.O. Box 1101 Evansville, IN 47706.

FREE SAMPLES! Catalog. Lettuce "O," Lebanese, Afghani, Rock Incense 1-800-325-4440.

ORGANIZATIONS

SAN PEDRO CACTUS Legal Defense Fund. S.A.S.E. for information. Nightbloomers, P.O. Box 4611, Berkeley, CA 94704-0611.

CANADIAN HYDROPOONICS Information Co-op. Send a S.A.S.E. to: 2 Levendale Rd. Suite 276 Richmond Hill, Ontario, Canada, L4C 4H2.

MISCELLANEOUS

FOREIGN PASSPORTS 21 countries. Loopholes. "Back doors." Latest opportunities, possibilities. Free details. EDEN PRESS, Box 8410-PP, Fountain Valley, CA 92728.

INSTANT CASH! Processing envelopes. SASE. Philpott Enterprises, P.O. Box 334, Blairs, VA 24527

FACING A DRUG TEST? Try SAFETEST, an organic herb to rid your system in 2 days. See p. 79 display ad.

CENTURY PUBLISHING PO Box 3239, Citrus Heights, CA 95611-3239. Discount Psychoactive Books—Free Catalog! Fast Service!

UNUSUAL BOOKS All types. Not found in libraries or bookstores! Catalog \$1.00. Alpha Publications, PO Box 92-H, Sharon Center, OH 44274.

PAYING CASH! BUYING any coins, jewelry, everything gold or silver. Ship insured for immediate cash payment. Your refusal privilege. Safe, fast, confidential service. Liberty Jewelers, Box 1164, El Dorado, AR 71730.

BUILD BETTER BONGS.. and shit! Information. SASE. Oatmeal Publications, P.O. Box 834, Nashville, AR 71852.

NOVELTIES

HUMBOLDT SEED \$1.00 each seed. Purple Skunk. H.C.W.C., PO Box 386, Garberville, CA 95440.

NORTHERN CALIFORNIA Seed: Indica, Afghani, Sativa, \$1.00 each seed N.C.S., P.O. Box 114, Phillipsville, CA 95559.

EMERALD TRIANGLE SEEDS Hawaiian and Asian \$1.00 each seed. E.T.S. P.O. Box 352, Miranda, CA 95553.

MENDOCINO Purple Kush, Dwarf Afghani Indoor/Outdoor. \$1.00 each seed M.P.K., P.O. Box 1034, Redway, CA 95560.

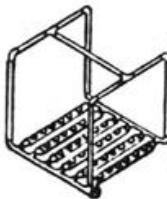
PERSONALS

WITCHCRAFT, MOTHER Nature's own high, power and serenity. Gavin and Yvonne, PO Box 1502-H, New Bern, NC 28560.

BEHIND BARS

MY NAME IS DONALD R. LEE I'm an eighteen year old male, I'm now incarcerated in the Nevada State Prison. I have no family or relatives to write to. It's very, very lonely in here. I would like for someone out there to correspond with, to keep me (Donald) going. P.S. please write. Sincerely Donald R. Lee #22006, P.O. Box 607 Carson City, Nevada 89701.

TRIACONTANOL New potent growth stimulant doubles yield. Lab data available. Nutrient solution or foliar spray. Indoors or out. Enough for 200 plants. \$10.50 to: Greenleaf, 515 S. Barstow No. 114, Eau Claire, WI 54701.



GROW MODUALS
3 SIZES, 4'x2'
3'x3', 4'x4'
PLANS \$10
KIT FROM \$150
518-962-8223
ADI

B COMPLEX VITAMINS

1/4 LB	\$ 39.95
1 LB	\$ 119.95

MANY OTHER SIZES & ITEMS PREPAYMENT - FREE FREIGHT MONEY ORDER SHIP SAME DAY CODS ADD \$2.00

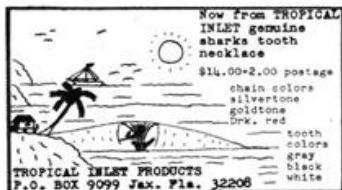
NATURE SCIENCE P.O. BOX 65 WOODLAND HILLS, CA 91364 (818) 704-8811

BLANK PHOTO ID CARDS

Make laminated Photo IDs on any typewriter. All materials furnished for 5 IDs. Good in All States and Canada 5 FREE BIRTH CERTIFICATES

5 FOR \$10

COD-(24 hrs) 1-904-396-1744
CARDINAL PUBLISHING, DEPT. B23
2071 Emerson, Box 5200 • Jacksonville, FL 32207

**LIZARD BABY**

JOIN THE CRAZE!
Shocking multi-color baby on front, text on back & arm. White 100% cotton tees. Size M, L, XL. Send \$12 check or M.O. to:
DAERIC SOFTWARE
Box 284Z
Billerica, MA 01821

COLORFUL DYES**MAKE YOUR OWN TIE-DYES**

- Complete instructions
- 70 easy to use colors
- Vibrant, permanent, Procion® cold water dyes

Call BROOKS & FLYNN for Free Catalog and Color Chart. 1 (800) 822-2372 in CA 1 (800) 345-2026 or write BROOKS & FLYNN, Inc. Box 2639, Dept. HT, Rohnert Park, CA 94927-2639

M A H
Indoor Garden For All You Grow
DIAMOND LITES
EAST COAST HALIDE & HYDROPONIC DISTRIBUTOR
151 ALKIER ST. BRENTWOOD N.Y. 11717 (516)231-9472
VISIT OUR SHOWROOM
M-F 12-6:30
S 10-6:30
Copyright © 1983.

MARIJUANA, COCAINE, CAFFEINE ALCOHOL, CIGARETTES, & ORAL CONTRACEPTIVES each drain certain precious VITAMINS & MINERALS from your MIND & BODY. Learn which ones how much & to replenish them.
For a completely detailed booklet on **HEALTHY HEAD** all of these subjects PO Box 146 send \$8.95 to Glenview IL 60025

SECRETS OF SUCCESSFUL SMUGGLING
PLANNING & EXECUTION
PERFECT FOR U.S., JAMAICA, BAHAMAS, MEXICO, AND OTHER COUNTRIES
MAKE THE MOST OF EVERYDAY OBJECTS
A MUST FOR THE DEVIOUS
INTERESTING AND SHOCKING FOR ALL
\$5.95 PLUS \$1 SHIPPING & HANDLING TO
CHARISMA
P.O. BOX 19855 • WASHINGTON D.C. 20006
CONFIDENTIALITY ASSURED

LEARN HOW TO BEAT A URINE-DRUG TEST!

Learn how to use the FREEDOM OF INFORMATION ACT-KIT and DIRECTORY. And much more! Write:
SULLIVAN COUNTY LEGAL CLINIC
BOX 285, LOCH SHELDRAKE, NY 12759.

**REAL TENNESSEE BAT GUANO**

- High Volume High Quality Crop Yields
- Amazing Specialty Plant Food
- Potassium Nitrate Added
- Money Back Guarantee
- Limited Supply

SEND CHECK OR M.O. FOR

Brochure — \$1.00 3 lbs. — \$15.99
 2.5 lbs. — \$3.00 8 lbs. — \$64.99

INFO INQUIRIES & RETAIL ORDERS
BAT MAGIC CORP.
Rt #2
Linden, KY 42756
(606) 556-5554

(IMPORTED)

YHUBA GOLD!

GET AS HIGH AS YOU'VE EVER BEEN!!! GUARANTEED
LOOKS, SMOKES, SMELLS SIMILAR TO MARIJUANA

SATISFACTION GUARANTEED
ORDER NOW! Must Be Over 18
\$75.00 per oz. to: R. Hillard
6475 Pacific Coast Highway #219
Long Beach, Ca. 90803

SINSE-WARE
KEEP YOUR PERSONAL RECORDS WITHOUT WORRY OF DISCLOSURE ON OUR COMPUTER SOFTWARE THAT IS SPECIFICALLY DESIGNED FOR THE GROWER. SECRET PASSWORDS THAT YOU DETERMINE ASSURE ONLY YOU WILL KNOW HOW TO ACCESS YOUR INFORMATION!

***** SAFE-FILE *** 59.95**

FIRST LEVEL PROGRAM DOES PRICE AND WEIGHT CALCULATIONS, AND ALSO MAKES LABELS

SECOND LEVEL PROGRAM KEEPS YOUR PERSONAL (PERSONAL) RECORDS ON A DOUBLE ENTRY LEDGER. KNOW WHO, WHEN, WHAT TYPE, WEIGHT, PRICE, PAYMENT, BALANCE, ALL ON ONE SCREEN, AT YOUR FINGERTIPS.

BOTH LEVELS PROTECTED WITH YOUR PASS-WORDS, AND WILL SELF DESTROY UPON INTRUSION!

***** YEARLY REPORTER *** 49.95**

A YEARLY CROP OBSERVATION PROGRAM FOR YEARLY COMPARISONS AND GRAPHING OF YEAR END RESULTS, ALSO USING OUR SECRET ENTRY TECHNIQUE

SINSE-WARE

P.O. BOX 771039 / WICHITA, KS 67277

316-945-8700

VISA AND MASTERCARD ACCEPTED
CONFIDENTIALITY ASSURED**ROCKWOOL****THE GROWING MEDIUM**

FOR A DESCRIPTIVE BROCHURE ON OUR COMPLETE LINE OF GARDEN SUPPLIES WRITE OR CALL:

FULL CIRCLEP.O. BOX 6-H9
REDWAY, CA 95560
(707) 923-3968
(800) 426-5511**PIGGY MALONE'S**

NOMAD® Catalog of smoking accessories, gifts, etc. Send \$1 postage & handling refundable with first order to:
P.O. Box 10073
Berkeley, CA 94709

The HIGH TIMES Classified Reaches Over 2 Million People Each Month. Whether Your Message is for Business or Pleasure, put it in HIGH TIMES for Maximum Results.

RATES

One-time ad: \$5.00/word

Discount for contracts:

Three consecutive ads \$4.75

Six consecutive ads \$4.50

Twelve consecutive ads \$4.25

CLASSIFIED DISPLAY

\$150 per column inch

Column width is 1 5/8 inches.

Discount for contracts:

Three consecutive ads \$140/inch

Six consecutive ads \$130/inch

Twelve consecutive ads \$120/inch

All display adds must be delivered camera ready.

TO ORDER**MINIMUM AD IS TEN WORDS**

Post Office Box #'s and telephone #'s count as two words each.

All ads must be typewritten.

ALL ADVERTISING MUST BE FULLY PAID IN ADVANCE WITH CHECK OR MONEY ORDER, NO CASH.

Ad will appear 60 to 90 days after receipt.

All ads are accepted at the discretion of the Publisher.

No advertisements for chemicals, chemical supply houses, formulas, extraction methods or synthesis reports will be accepted.

Call for Advertising Acceptability Policy (212) 972-8484

Mail to: HIGH TIMES Classified

211 E. 43rd Street, New York, NY 10017

Please include a sample of your product or catalog with your ad, and your street address and phone number.

1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31	32	33
34	35	36
37	38	39

Cost of Ad:

_____ words at _____ per word = _____ Total.
Payment must be enclosed with order.
(Check or money order only, please.)

Name _____

Address _____

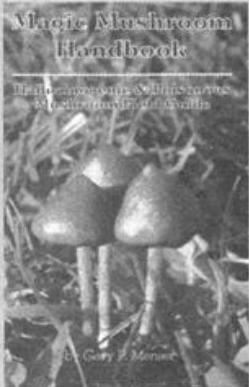
City _____ State _____ Zip _____

the HIGH TIMES bookstore

MAGIC MUSHROOM HANDBOOK

by Gary P. Menser

A pocket guide to collection, identification, and preparation of magic and poisonous mushrooms. Comes complete with glossary, extensive bibliography for further research, and color pix. HTB/10 \$9.95



INDOOR MARIJUANA CULTIVATION

compiled by Murphy Stevens

Simple directions and accompanying photographs make this book informative and easy to follow. Learn the best methods of growing marijuana indoors with lights. HTB/40 \$5.95



SINSEMILLA

by Jim Richardson

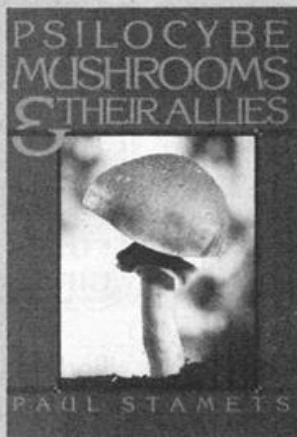
A photographic tour de force of the virgin pot plants, with instructions on how to grow your own. HTB/1 \$19.95



PSILOCYBE MUSHROOMS AND THEIR ALLIES

by Paul Stamets

Literally everything you ever want to know about hallucinogenic mushrooms can be found within this book. Complete with dozens of color photographs, diagrams, and glossary, it will prove an invaluable addition to your psychedelic library. HTB/16 \$12.95



INDOOR/OUTDOOR

MARIJUANA GROWER'S GUIDE

by Mel Frank and Ed Rosenthal

The classic introductory work on cultivation. HTB/4 \$5.95



MARIJUANA:

THE CULTIVATOR'S HANDBOOK

by Bill Drake

The most up-to-date information for the outdoor and indoor marijuana cultivator, with over 100 photographs, drawings, charts, maps and a special section on psychoactive tobacco. HTB/25 \$14.95

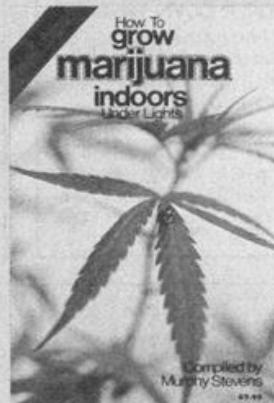


HOW TO GROW MARIJUANA

indoors — under lights

by M. Stevens

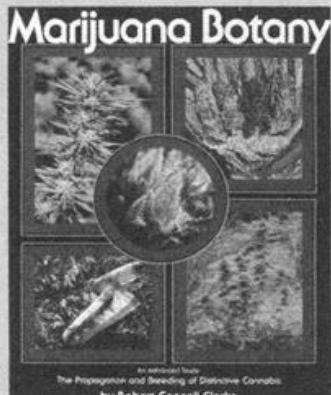
Grow marijuana all year long under lights with the help of this photo-filled book. Simple instruction, from germinating seeds to the proper lighting, help the home grower have a successful crop. HTB/41 \$7.95



MARIJUANA BOTANY

by Robert Connell Clarke

Contains the newest data on all phases of cannabis cultivation. How quality is affected by climate, identifying male plants, harvesting, THC production and potency. HTB/46 \$14.95



THE SINSEMILLA TECHNIQUE

by Kayo

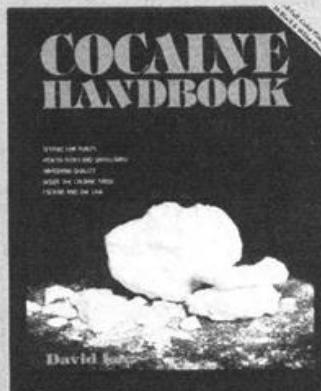
Written for the curious as well as the experienced, this technique tells how fewer plants in smaller pots can yield more cannabis of higher quality. The book includes photographs and illustrations. HTB/30 \$14.95



COCAINE HANDBOOK

by David Lee

An updated edition of a classic reference, written in the spirit of consumer protection. Includes sections on applicable laws, where to go for help with abuse problems, and the straight dope on health hazards, adulterants, and garbage freebase ("crack"). Fully illustrated. HTB/31 \$24.95



HOW TO GROW THE FINEST HERB INDOORS

by Murphy Stevens

This book on growing marijuana indoors brings new information on pruning, curing and drying, as well as equipment, lights, and fertilizers for a more satisfactory homegrown crop. HTB/39 \$9.95

MARIJUANA BEER

as told to Ed Rosenthal by U.B.

This book tells you how to brew your own delicious Hi-Brew... Simple easy-to-follow instructions help you turn, shake and lower leaves... to refreshing high-potency suds. HTB/49 \$9.95

HOW TO GROW HERBS

HYDROPONICALLY

compiled by Patrick Daniels

All the information you need to grow your favorite plants in a fraction of the time it takes with conventional methods. HTB/45 \$7.95

INDOOR MARIJUANA

HORTICULTURE

by High Times' Indoor expert

Jorge Cervantes

The book all indoor growers must have. It is the most complete, authoritative, up-to-date book on indoor marijuana cultivation ever! This 288-page edition is well illustrated with over 250 photographs, drawings and graphs. It is packed full of information on grow rooms, grow lamps, electricity, container gardening, water, fertilizer, hydroponics, air, CO₂, bugs, fungi, cloning, harvesting, breeding and it has a garden calendar, index, glossary and directory of indoor garden suppliers! HTB/42 \$16.95

INDOOR SINSEMILLA

by G. Anthony Burgess

A basic primer on under-the-roof sinse cultivation, covering everything from seed selection, choice of grow media, equipment advice, plant care and preparation, and harvesting procedures. Illustrated with photos (color and B&W) and drawings. HTB/48 \$9.95

CANNABIS ALCHEMY: THE ART OF MODERN HASH MAKING

by D. Gold

Turn that moldy old ditchweed into some hi-test hash simply following the method sold out in this book. Written specifically for the layman, with diagrams. HTB/13 \$5.95

MAMA COCA

by Antonil

A well documented presentation of how wholesale dope movers and narcotics officials actively collaborate in the international drug trade. HTB/21 \$8.95

HOW TO BUILD A BIGGER AND BETTER HYDROPONIC GARDEN

by Ed Sherman

How to make a super-garden that will grow anything, anywhere, from scrap materials. HTB/27 \$5.95

THE ART AND SCIENCE

OF COOKING WITH CANNABIS

by Adam Gottlieb

More than just another collection of marijuana recipes, this book teaches the reader the nature of cannabis, how it combines with other foods and how it is best assimilated by the digestive tract. A must for anyone serious about cooking with grass. HTB/14 \$4.95

NOW AVAILABLE!

THE SECRET GARDEN

by George Lassen

Succinct, highly readable and well-illustrated. A good beginner's guide to outdoor cultivation with chapters on site selection, camouflage, sexing, predators and drying, among others. HTB/50 \$14.95

HYDRO-STORY

by Charles E. Sherman and Hap Brenizer

How to grow the easy way, get big yields from little gardens in your backyard, patio, apartment, etc. HTB/36 \$7.95

SNOW BLIND

by Robert Sabbag

An all-out, nonstop, mind-jolting journey through the dazzling high-altitude world of an international cocaine smuggler. HTB/18 \$3.95

THE MUSHROOM CULTIVATOR

by Paul Stamets and J.S. Chilton

The definitive reference for the home mycophagist. Profusely illustrated with charts, photos (many in color), and easy-to-follow instructions. HTB/37 \$24.95

CALL TOLL FREE FOR ORDERS ONLY

800-435-0715

In Ill. 800-892-0753



Payment enclosed

MasterCard Visa

Card # _____

Expiration date _____

Signature _____

Please send me the books I have indicated below:

BOOK #	QUANTITY	x	PRICE	=	COST
HTB/1	_____		\$19.95		
HTB/4	_____		\$ 5.95		
HTB/10	_____		\$ 9.95		
HTB/13	_____		\$ 5.95		SOLD OUT
HTB/14	_____		\$ 4.95		
HTB/16	_____		\$12.95		
HTB/18	_____		\$ 3.95		
HTB/19	_____		\$12.00		
HTB/21	_____		\$ 8.95		
HTB/25	_____		\$14.95		
HTB/27	_____		\$ 5.95		
HTB/30	_____		\$14.95		
HTB/31	_____		\$24.95		
HTB/36	_____		\$ 7.95		
HTB/37	_____		\$24.95		
HTB/39	_____		\$ 9.95		
HTB/40	_____		\$ 5.95		
HTB/41	_____		\$ 7.95		
HTB/42	_____		\$16.95		
HTB/45	_____		\$ 7.95		
HTB/46	_____		\$14.95		
HTB/48	_____		\$ 9.95		
HTB/49	_____		\$ 9.95		SOLD OUT
HTB/50	_____		\$14.95		

Subtotal \$ _____

Add \$1.75 shipping for each book \$ _____

Grand Total \$ _____

HTB _____ HTB _____ HTB _____ HTB _____ HTB _____

for postage and handling.

Make check or money order payable to H.T. Bookstore.

Mail to: HIGH TIMES Books, P.O. Box 410, Mt. Morris, IL 63054.

Please allow 6-8 weeks for processing and delivery.

NAME _____

ADDRESS _____

CITY _____

STATE _____ ZIP _____

ASK ED

continued from page 77

Dear Ed,

I wish to tell you about organic hydroponics in rockwool. Works extremely well!

I grow in a chamber 21" x 31" x 5'. I can fit 12 two gallon gro bags in per cycle. I grow from seed. After sexing I end up with 8-10 females (thanks to plantastic).

I fertilize with high nitrogen(N) bat guano for vegetative growth, high phosphorus(P) guano for flowering. My medium is rockwool. I mix two tablespoons full of guano with hot water the night before watering. I add liquid seaweed for trace elements. I also use Nitron to help release nutrients from the guano. Nitron also stabilizes the pH, which always remains at 7. (The stuff is great). I hand water every third day.

I use a 400-watt MH for vegetative growth, and after two weeks of 12-12 light cycle, switch to a 400-watt HPS conversion bulb. The tops elongate less if the first two weeks are MH.

I consistently wind up with 7-9 ounces of manicured bud 90 days from seed. Bat guano causes no harsh taste and plants never show deficiencies. I use a variety of seed from Seed Bank and SSSC.

—Dave,
Denver, Colorado

Dear Ed,

I heard that if you shot up a plant with crank that it would get the plant wired and make it grow fast, so I tried it on a male. It seemed to perk up for a few days. Later we pulled it up and smoked it. It had a wiry high.

—Green Machine,
Sacramento, California

Dear Ed,

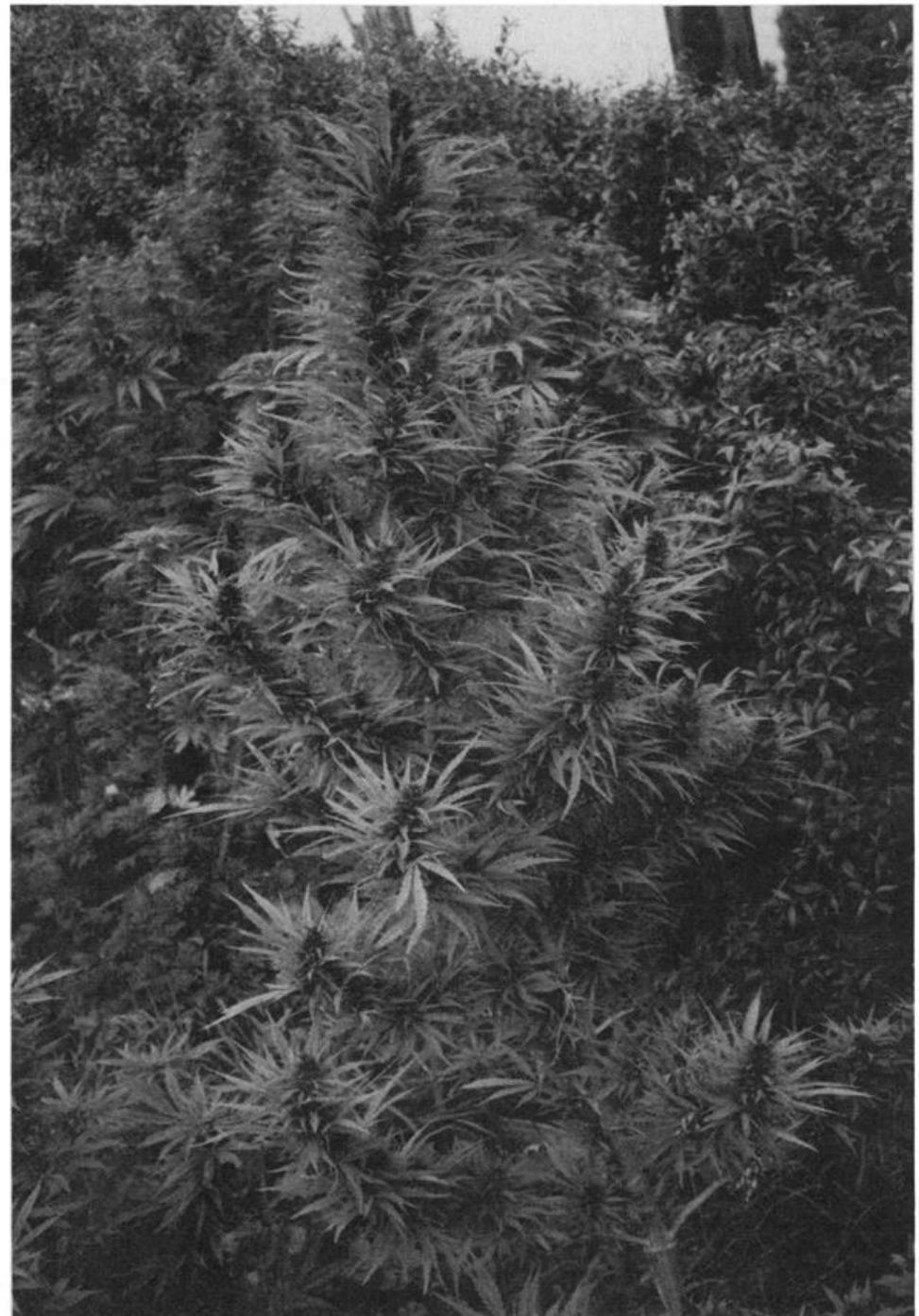
I grow in my back yard in Philadelphia. The plants grow too good. I've gotten a lot of good tips from you guys, but that tying down sucks. Here's a better way to get your mature plants to lay low. With a spade, dig all around the roots in a circle in moist soil. Lift the plants gingerly so that you can tell if any of the main roots are still in the ground. Now just lay the plants sideways, and throw some earth around the root ball so that no roots are exposed. The plant will start growing up lengthwise. Remember, keep a low profile.

—Ed the Fred,
Address unknown

Dear Ed,

I tried cloning in a fish aquarium with no success. My cuttings were placed in styrofoam pellets floating in warm water. They just wilted and became soggy.

Then I tried rockwool cubes and also jiffy pots using soil and a very strong root-



DR. WEED

ing powder used for big trees. It's Hormex #8. Now I'm rooting 100% in four days. The roots pop through the bottom of the little pots in record time.

I place the rockwool and jiffy pots in the aquarium. They are sitting on gravel so the containers can breathe. Then I place a plastic top on the aquarium, and mist and air daily for five minutes.

—Doc,
Columbus, Ohio

Thanks for the tip, Doc. Hormex #8 has a very high concentration of rooting hormones.

Dear Ed,

I'm having trouble with my clones. I take my cuttings, root them in vermiculite under a Gro-Lux fluorescent, and when

they are well rooted transplant them into my drip hydroponic unit. The clones turn yellow between the veins of the leaves. My first guess was that it was a magnesium (Mg) deficiency, but my General Hydroponics growth formula contains Mg. Could my 400-watt MH be shocking them? Is it the drip system saturating the root ball and starving the roots of CO₂? The clones usually recover to become fine plants, but it takes too long for them to get growing.

—The Beefer,
New Port Richey, Florida

Either add Mg to the water or change the fertilizer formula, since Mg is probably the problem.

continued on page 86



Grow Wild Mushrooms Forever With The **HOMESTEAD** Mushroomkit

A decade ago, the Homestead Book Company introduced the first **Psilocybe Cubensis** Mushroomkit. Since then thousands of people have learned the joys of cultivating your own mushrooms.

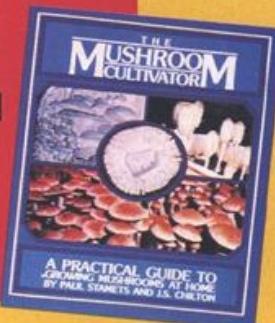
Each Homestead Mushroomkit includes a life time supply of fertile spores and two pounds of our rich high-yield compost. You also receive supplies, reusable tools, and ten pages of instructions from Bob Harris' book **Growing Wild Mushrooms**.

TOLL-FREE ORDER LINE
800-426-6777 CREDIT CARDS
ONLY. (except WA, AK, and HI).
All others please call
(206) 782-4532.



**HOMESTEAD BOOK
COMPANY**
Serving You Since 1972.

SECOND PRINTING.
THE MUSHROOM CULTIVATOR
by Stamets and Chilton. A virtual encyclopedia for serious mushroom growers, with over 400 pages of detailed information and photos.



- Deluxe Psilocybe Cubensis Mushroomkit \$50
- Spore Print ... millions more \$25
- THE MUSHROOM CULTIVATOR —Highly recommended \$25
- GROWING WILD MUSHROOMS ... Simple guide \$9
- MAGIC MUSHROOM HANDBOOK ... field guide \$11

Total Enclosed _____
VISA ____ MC ____ Expires _____
Card Number _____
Signature _____

Name _____
Address _____

Washington residents add sales tax. Foreign add 20% US Funds. Money Orders processed fastest. Sold in fine stores, too.

HOMESTEAD

P.O. Box 31608 Seattle, Wa. 98103

(206) 782-4532

Dealer Inquiries Welcome

STIMULANTS!

STIMULANTS

		Price Per Bottle	
		1000	100
20. D&E 127™	250mg	\$30.00	\$6.50
21. Mole	325mg	30.00	6.50
22. 357 Magnum™	357mg	35.00	7.50
23. 20/20	300mg	30.00	6.50
24. D&E 250™	250mg	25.00	6.50
25. D&E 225™	225mg	23.00	6.50
26. D&E 85/25™	110mg	18.00	5.00
27. D&E 190™	175mg	30.00	7.50
28. D&E 290™	325mg	35.00	7.50
29. D&E 260™	225mg	28.00	6.50
30. D&E 160™	175mg	25.00	6.50
31. D&E 500™	350mg	35.00	6.50
32. 30/30	300mg	30.00	6.50
33. D&E 200™	200mg	23.00	6.50
34. D&E 25/25™	110mg	15.00	5.00

Active Ingredient in above stimulants: Caffeine

CAUTION: Individuals under medical care should consult their physician.



(201) 838-5254

35. D&E 25™ Bronchodilator:

Ephedrine 25 mg.

For use in treatment of Asthma symptoms.

1000 Tablets - \$18.00

100 Tablets - \$7.50



36. On-The-Go™ Natural Stimulant

Guarana in a special blend for pep and energy the natural way.

90 Tablets - \$9.98

DIET AIDS

37. Weight-No-More™: (3-A-Day)

A special formula that curbs your appetite through the meal while reducing dieting fatigue.

1000 Capsules - \$30.00

100 Capsules - \$7.50



38. Diet Time™: (1-A-Day)

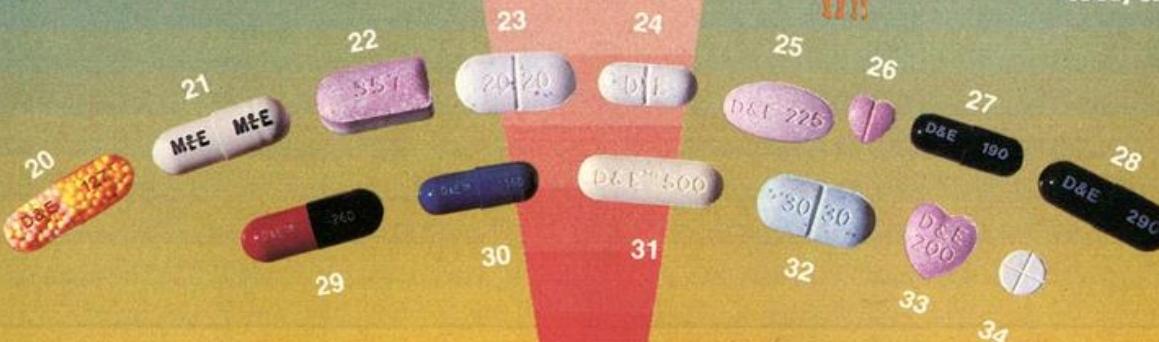
Only one capsule needed to continuously control appetite throughout the day.

90 Day Supply - \$9.95

39. The Milford Plan™: Dieting Breakthrough!

Two products that control your appetite and revitalize the essential needs of the body. Lose weight and maintain healthy nutrition.

90 Day Supply \$19.95



CALL TOLL FREE: 1-800-221-1833

IN NEW JERSEY CALL (201) 838-5254

3-Easy Ways to Order:

1. Charge It — Use Visa or MasterCard.
2. C.O.D. — We ship today and you pay on delivery.
3. Send Payment in Full — Add \$3.50 for Shipping and Handling.

(N.J. Residents add 6% Sales Tax - No Personal Checks, Please)

D&E PHARMACEUTICALS, INC. - 206 Macopin Road, Bloomingdale, N.J. 07403

Specials

SAVE! - Order any 10 Bottles of 100 Tablets or Capsules of stimulants for only \$45.00

EXTRA DISCOUNT!

10% Off all orders for

On-The-Go Natural Stimulant tablets.



The Black Orchids (left to right): Allegra (guitar), Pez Lopez (drums), and Fly Francis (guitar). Missing from picture: regular bass player Jenna McGrath and fill-in bass player Bobby Belfrose (The Optic Nerve).



Rat Bastards (left to right): Andy (guitar), Pete (guitar), Eric (drums), Steve (bass), and Joey (guitar).

"You're the guy who's gonna give us the advanced growing techniques, right?"

Nope! That was given by Ed Rosenthal and Dr. Indoors a few hours later! (For the complete growing seminar, see page 53.)

As we were leaving the Diag to cure a serious case of the munchies, we met Poet, a local Ann Arborite who gave us some copies of his poetry, and showed us a poem of his he had tattooed on his back! (Now, that's a serious artist!)

Then it was time to party again! At 9:00, over a hundred people showed up at the Michigan Union Ballroom for the second annual NORML fundraiser. Silent Radio, the Black Orchids, and The Rat Bastards each played short sets, about 45 minutes each. (Unfortunately, school rules prohibited any smoking or drinking there, so our trip ended on a sour note, just like it had begun with the fascist sentence to Rich Birkett!). We were in luck, though—the great rock 'n' roll music, and period walks for smoking breaks, saved the evening from

BOREDOM, mankind's worst enemy. Most important, so many people showed up that NORML made a little money.

After the party, and days after we got home, we learned that Rich Birkett eventually got released from jail. His sentence was time served (16 days), and his driving license was suspended and under restriction for 90 days. He's looking into a possible appeal, and is working against the hanging judge (Judge Thomas Shea, a conservative Republican up for re-election) who put him in the can. Rich is already hard at work organizing next year's Hash Bash and NORML concert. Since April Fool's is on a Saturday night in 1989, he's planning a big blowout! (And he promises that this time, there WILL BE BEER!)

Everyone agreed it was worth the trip. In fact, it was such a blast, we're sittin' around wondering which party we should check out next! (Got any ideas? If so, see the "Letters" column in this issue!) ●



BE CERTAIN

Now you can determine the sex of flora and fauna with the revolutionary **RADIESTHESIAT CRYSTAL METHOD™**. This method evolved from studies on electromagnetic radiation which emanate from all living things. With the **RADIESTHESIAT CRYSTAL METHOD™** you can test seeds, plants, birds and humans for gender. This method has proven for many as the best technique for determining sex. The **RADIESTHESIAT CRYSTAL METHOD™** employs a unique crystal pendant on a gold chain along with an exclusive guide.

- ▲ It can be used at ▲ any stage of growth.
- ▲ Totally organic and ▲ safe. Lasts forever.
- ▲ Save money, ▲ time and labor.

100% moneyback guarantee if not completely satisfied. Simply return product within 15 days and money will be cheerfully refunded.

Order now and receive a free **EMERALD TRIANGLE** display box. Send check or money order:

U.S.A. \$29.95
Outside U.S.A. \$32.50
Allow six to eight weeks for delivery

EMERALD TRIANGLE PRODUCTS COMPANY

1537 A 4th Street
Suite 100, Dept. HT7
San Rafael, CA 94901

HT7

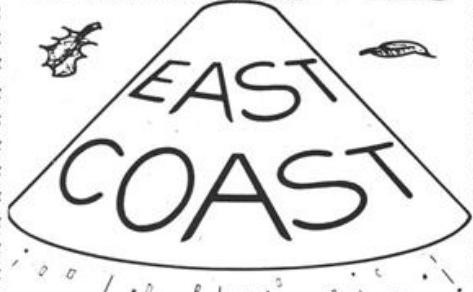
Name: _____

Street: _____

City: _____

State: _____ Zip: _____

INDOOR / OUTDOOR
GROWING SUPPLIES



HYDROPONICS

MAXIMUM LIGHT Our own horizontal

Maximum Light. The most efficient safest light

on the market today.

Also stocking U.L. Listed Professional

Greenhouse Lights



FISH EMULSION - 32 oz.	\$3.00
HIGH NITROGEN BAT GUANO per lb.	\$3.90
25 lbs. BAG \$40.00	
HIGH PHOSPHOROUS per lb.	\$4.50
25 lb. BAG \$50.00	
ROCKWOOL IP-15-75 GROW SLAB	\$5.25
ROCKWOOL DM-4-8 CUBES	\$2.30
HIGH PHOSPHOROUS SEABIRD GUANO	
1 lb. \$4.50 2 lbs. \$8.00	
PH & DIST PENS \$55.00 ea.	WISS SNIPS \$10.00
140 CFM EXHAUST FANS \$45.00	

CALL FOR CATALOGS
N.Y. (718) 727-9300
USA (800) 255-0121
EAST COAST HYDROPONICS

432 Castleton Avenue
Staten Island, New York 10301

ASK ED

continued from page 82

Dear Ed,

I have been growing under fluorescents for three months now. What would happen if I changed to a HID lamp? Would the plants go into shock?

—T.O.M.,
Athens, Ohio

The leaves have grown and adjusted to an environment with relatively low light levels. If the light levels are increased too much the leaves will burn from the stress. Increase the light levels gradually. Start with the lamp four feet or more from the plant tops, and decrease the distance to 18-24 inches over a three week period.

Dear Ed,

My grandmother had a real green thumb. One of her secrets was to place a rusty nail in the soil so that the roots would grow around it. Do you think this has any real value and can you explain?

—Chase,
Rural South Carolina

The plants absorb iron, one of the elements required by plants, through the roots. A rusty nail presents iron in an elementary form. This method usually prevents or corrects iron deficiencies.

Dear Ed,

I recently observed something about clones that puzzled me.

After sitting in water a week, the clones were dipped in rooting hormone and planted to a soilless mix and covered with a humidity tent. Twenty-four hours later all the *indicas* were fine but the *sativas* were wilting a bit. Why?

—The Farmacist,
Lynchburg, Virginia

Some varieties clone easier than others. Not only are they more sensitive to humidity, they may take longer to grow roots.

• I welcome comments, tips, and questions regarding marijuana and marijuana cultivation. Send all letters to Ask Ed, HIGH TIMES, 211 E. 43rd St., New York, NY 10017. Also send entries for the Bud, Plant, and Garden of the Month Contests. All correspondents whose letters or photos are used will receive a free copy of my book, Marijuana Question?

• By submitting your photograph(s), you hereby grant permission to publisher to reprint the photograph(s) in HIGH TIMES magazine as well as any other Trans-High Corporation publications. • I am asking all Ask Ed correspondents to send at least \$1 with each letter or with photos, which will be contributed to the NORMLTHON TOP 100 as votes for ASK ED unless other directions are given. I will not choose letters or photos based on these contributions. They are completely voluntary. But it would be a nice gesture. •

PSYCHOACTIVE Books-by-Phone

UPS-COD VISA/MC Call 24hrs/day

We specialize in books, offer largest selection and best service.	STEAL THIS URINE TEST how to beat drug tests	5.95
PSYCHEDELIC CHEMISTRY authoritative	14.95	
DESIGNER DRUGS ecstasy, crack, china white, etc	7.95	
INDOOR MARIJUANA HORTICULTURE Indr high tech	16.95	
MUSHROOM CULTIVATOR best 'shroom guide	24.95	
MARIJUANA HYDROPOONICS high tech water culture	14.95	
ANARCHIST COOKBOOK chemistry, security	14.95	
PAPER TRIP how to set up new identity	15.95	
SEX, DRUGS, AND AIDS guide to prevention	4.95	
SECRET GARDEN MARIJUANA useful new info	12.95	
CULTIVATORS HBK of MARIJUANA revised classic	14.95	
DELUXE MARIJUANA GROW GD. the best grow book	19.95	
SPIRAL DLX MARIJUANA GROW GD. keys flat & lasts	24.95	
MARIJUANA BOTANY definitive guide to mj plant	14.95	
SINSEMINA TECHNIQUE new printing	14.95	
MARIJUANA ALERT dangers of smoking pot	10.95	
PEOPLES PHARMACY guide to medical druge	5.95	
MARIJUANA MOONSHINE VIDEO vhs grow class	39.95	
MARIJUANA GROWERS HBK Indr grow edn /Rosenthal	16.95	
ED ROSENTHAL'S MJ GROWING TIPS fun book	12.95	
MARIJUANA QUESTION? ASK ED pice, q&a, advice	16.95	
THE MARIJUANA QUESTION hazards of pot	24.95	
MOKSHA psychedelic writing of A. Huxley	7.95	
SHAMAN WOMAN women writing on druge	12.95	
DRUG ANTIQUES guide to drug collectibles	12.95	
INDOOR/OUTDOOR MJ GROWERS GD intro bk	5.95	
MARIJUANA GROWER'S GD. audio cassette tape	7.95	
MARIJUANA POTENCY up potency, hashmaking	14.95	
SINSEMINA marijuana flowers, best color photos	19.95	
MARIJUANA BEER how HBrew is made	9.95	
MARIJUANA AS MEDICINE medical use of pot	8.95	
CANNABIS ALCHEMY isomerizers, hash oil	5.95	
SEX DRUGS & APHRODISIACS sexual highs	4.95	
FROM CHOCOLATE TO MORPHINE A. Well	8.95	
LSD MY PROBLEM CHILD by A. Hoffmann	7.95	
MAGIC MUSHROOM HBK pocket field guide	9.95	
PSYLOCYBE MUSHROOMS & their allies	12.95	
COCAINE HANDBOOK best essential reference	24.95	
COCAINE PAPERS by Sigmund Freud	8.95	
COCAINE CONSUMER HANDBOOK testing	9.95	
800-COCAINE professionals help users quit	4.95	
COCAINE CONSUMER Cassette tape of classic bk	7.95	
PLEASURES OF COCAINE bk may save your life	5.95	
WEED adventures of a dope smuggler, mexico	9.95	
THE WAY OF HERBS wonderful guide to healing	12.95	
UNDERGROUND COMIX history w/ 1000+illtme	17.95	

select books above and write book price **SUBTOTALS**
FREE Continental USA shipping **ON ORDERS OVER \$35.00**
otherwise add shipping **\$3.00 per book for USA, Canada**
Foreign postage add **\$5/bk California add 7% sales tax**
PLUS **\$4COD fee \$2Card fee \$2POBox fee**
CHK or MO for Books plus fees TOTALS

Make checks payable to Books-by-Phone (personal checks held to clear, for best service send Money Order).

credit card MC Visa Exp date _____

card #: _____

Name _____

Address _____

City _____ State _____ ZIP _____

I am over 21 (sign) _____

Price and availability subject to change without notice
Drug education books are for sale to **ADULTS ONLY** to provide information in accord with 1st Amendment.
Offer void where prohibited by law. No warranties are made, use is not advocated. Consult your physician.

CALL NOW Day or Night
operators take orders only, have no info

800/858-2665 National

800/992-2665 California

415/548-2124 Information or write : BOOKS-by-PHONE
POBox 522 Berkeley, CA 94701

FREE CATALOG

NEXT MONTH



Serenus tells how to apply Maoist philosophy to cannabis cultivation in Guerilla Growing in the Bible Belt.

PLUS: for those planning summer vacations, learn how to fly half-price to faraway locations

(Courier Class); DR.

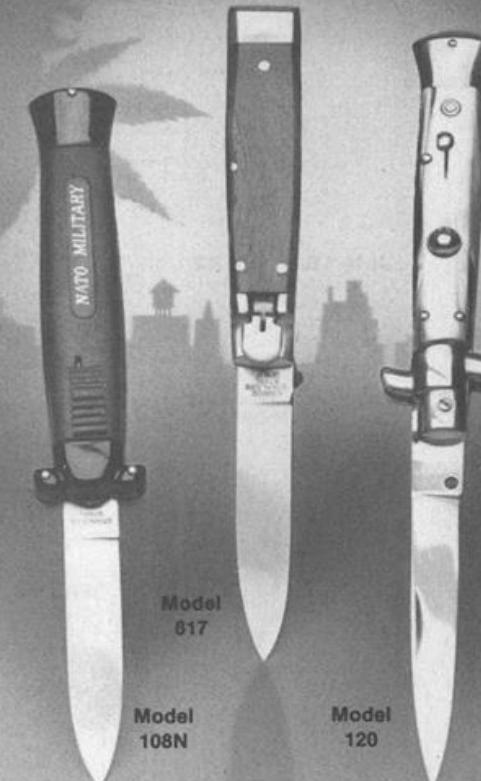
VON GROWHIGH, an incredible new technicolor comic strip by Bob Fingerman, our latest embellisher extraordinaire; an excerpt from

"Ecstasy: the MDMA Story" by Bruce Eisner; and a special report from India for the Year of Hashish.

IN THE GARDEN OR ON THE STREET...

WOULDN'T YOU RATHER SWITCH THAN FIGHT?

**EDGE COMPANY KNIVES
GIVE YOU THE EDGE!**



Genuine, Automatic
And Completely Finished
Sold In Legal Kit Form*

SWIFT, SILENT
AND
READY WHEN YOU ARE!

AMAZE
YOUR
FRIENDS

As
Low As
\$14.95



THE EDGE COMPANY

P.O. BOX 826
BRATTLEBORO, VT 05301

TO ORDER
CALL TOLL-FREE

1-800-445-1021
OR SEND TO:

THE EDGE COMPANY
P.O. BOX 826, BRATTLEBORO, VT 05301

1-800-445-1021

Please Ship The Following Items:

Model # _____ Qty. _____

Model # _____ Qty. _____

Model # _____ Qty. _____

Colors _____

Add \$1.50 Per Kit Shipping and Handling

Check or Money order Enclosed \$ _____

MasterCard # _____ Exp. Date _____

VISA Card # _____ Exp. Date _____

NAME _____

ADDRESS _____

CITY _____

STATE _____ ZIP _____

I Certify That I Am Over 18 Years of Age.

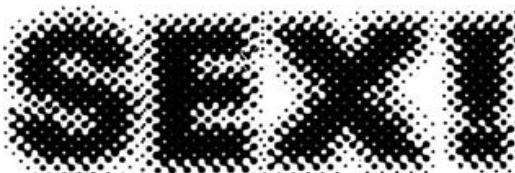
Signature _____

**INQUIRE ABOUT SPECIAL DISCOUNTS FOR
GROWING COOPERATIVES HS07**

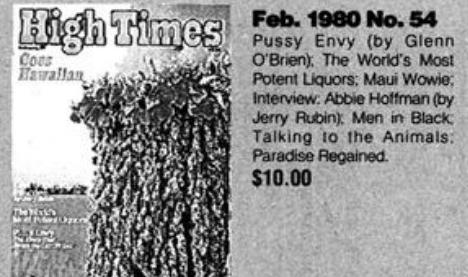
*Attn. Collectors and Sportsmen: Though legal in parts form, in certain areas the completion of these kits may violate certain laws. Please check your area before ordering or assembling, as compliance with any such law is the purchaser's responsibility.

IRON-CLAD MONEY-BACK GUARANTEE:

IF YOU DON'T LIKE IT, SEND IT BACK FOR FULL REFUND. NO QUESTIONS ASKED
CALL TOLL-FREE FOR THE EDGE COMPANY 5TH ANNIVERSARY CATALOG:
OVER 100 MODELS IN FULL COLOR 1-800-445-1021



**Oct. 1978 No. 38
LIMITED SUPPLY!**
Special Issue: Dope and Sex; Five Horny Highs for Sex-Crazed Dope Fiends; Four Theories of Sex & Dope; Raising Super Female Plants; Dope in the USSR; Viva Peyote! Gay '90's Legal Narcotics.
\$25.00



Feb. 1980 No. 54
Pussy Envy (by Glenn O'Brien); The World's Most Potent Liquors; Maui Wowie; Interview: Abbie Hoffman (by Jerry Rubin); Men in Black; Talking to the Animals; Paradise Regained.
\$10.00



Dec. 1981 No. 76
Sex and the Single Puff; Antidrug Cult Linked to Mob Cronies; Why I Hate Cocaine; Ganja Tour of Jamaica; Book Bonus: God's Other Son (by Don Imus).
\$5.00

May 1982 No. 81
Negative Girls; Hitler's Shocking Drug Habits; Belushi's Secret Smuggling Film; Interview: Zippy the Pinhead; Psychedelic Mushrooms.
\$5.00



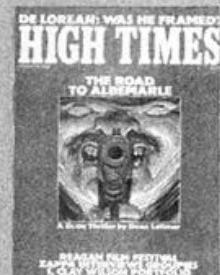
July 1982 No. 83
Confessions of a Porn Queen; Black Sheep on Dope; Interview: Sting Speaks; The Blood Sport of Dogfighting; "R's Fourth Annual Connoisseur Awards: The Mysteries of "Thai Stick" Revealed (by Dean Latimer).
\$5.00



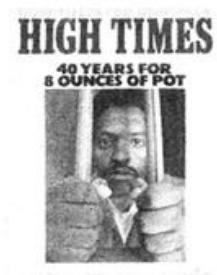
Aug. 1982 No. 84
Bambi: The Acid Queen; Love Lucidity; The World Toughman Contest; Interview: David Smith, M.D.; John Carpenter's The Thing.
\$5.00



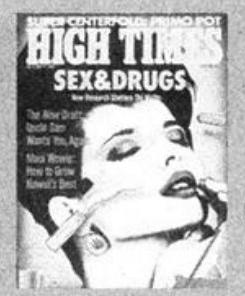
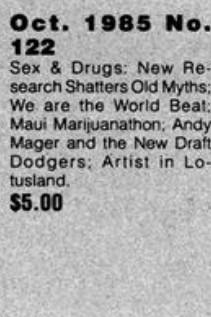
Sept. 1982. No. 85
Interview: Al Goldstein (editor of Screw magazine); What's Really Happening on Campus; Idealists; The Mouthpieces; Special Grow American; Booby Trap!
\$5.00



Feb. 1983 No. 90
Interview: Groupies as People (by Frank Zappa); Blood and Guts in High School; Chapter Two: The Scorpions (by Kathy Acker); Book Bonus: Thin Ice (by Larry Sloman); S. Clay Wilson: A Portfolio; The Road to Albermarle (by Dean Latimer).
\$5.00



July 1983 No. 95
How to Sex for Sinsemilla; Out of the Blue Book (erotic art); A Robert Williams Portfolio; Stimulants; Interview: Roger Davis; Raiders of the Lost Gold, Part VI (by "R"); The Jockey (by Charles Bukowski).
\$5.00



Oct. 1985 No. 122
Sex & Drugs: New Research Shatters Old Myths; We are the World Beat; Maui Marijuanathon; Andy Mager and the New Draft Dodgers; Artist in Lotusland.
\$5.00



Jan. 1987 No. 137
Psychedelic Sex: Acid Temple Ball; The Obsessions of John Waters; Ghost Plane in the Sky; Invisible Hand; Home of the Gods; Where Pot Grows Wild and Free; South Africa Undercover.
\$5.00



Apr. 1988 No. 152
Journey to the Lost, Forbidden, Unknown Isle of the Cyclops; Secrets of the Alien Growers Revealed; Marijuana Legalized! The Great White Shark Hunt; Dutch Harvest; Hep Cat.
\$5.00

CALL TOLL FREE FOR ORDERS ONLY

800-435-0715

In Ill. 800-892-0753



Payment enclosed
 MasterCard Visa

Card # _____

Expiration date _____

Signature _____

CHECK BOX:

- | | |
|-------------------------------------|---------------|
| <input type="checkbox"/> ISSUE #38 | PRICE \$25.00 |
| <input type="checkbox"/> ISSUE #54 | PRICE \$10.00 |
| <input type="checkbox"/> ISSUE #76 | PRICE \$ 5.00 |
| <input type="checkbox"/> ISSUE #81 | PRICE \$ 5.00 |
| <input type="checkbox"/> ISSUE #83 | PRICE \$ 5.00 |
| <input type="checkbox"/> ISSUE #84 | PRICE \$ 5.00 |
| <input type="checkbox"/> ISSUE #85 | PRICE \$ 5.00 |
| <input type="checkbox"/> ISSUE #90 | PRICE \$ 5.00 |
| <input type="checkbox"/> ISSUE #95 | PRICE \$ 5.00 |
| <input type="checkbox"/> ISSUE #122 | PRICE \$ 5.00 |
| <input type="checkbox"/> ISSUE #137 | PRICE \$ 5.00 |
| <input type="checkbox"/> ISSUE #152 | PRICE \$ 5.00 |

TOTAL _____

HIGH TIMES
BACK ISSUES
P.O. BOX 410
MT. MORRIS, IL 61054

NAME _____

ADDRESS _____

CITY _____

STATE _____

ZIP _____

among those well-read individuals who enjoy informative articles dealing with sexual matters, perhaps some of our back issues will pique your interest.

BOOKSHELF	89
BUD AND HERB	90
GONE-GONE GIRL	92
TAPEWORM	93
PSYCHOTRONIC	94
TWISTED IMAGE	95
THE HOUND'S EYE VIEW	96
THE TOP 100	97

MEDIA ROOM



THE BEST OF NEAT STUFF BY PETER BAGGE

(Fantagraphics Books, \$9.95).

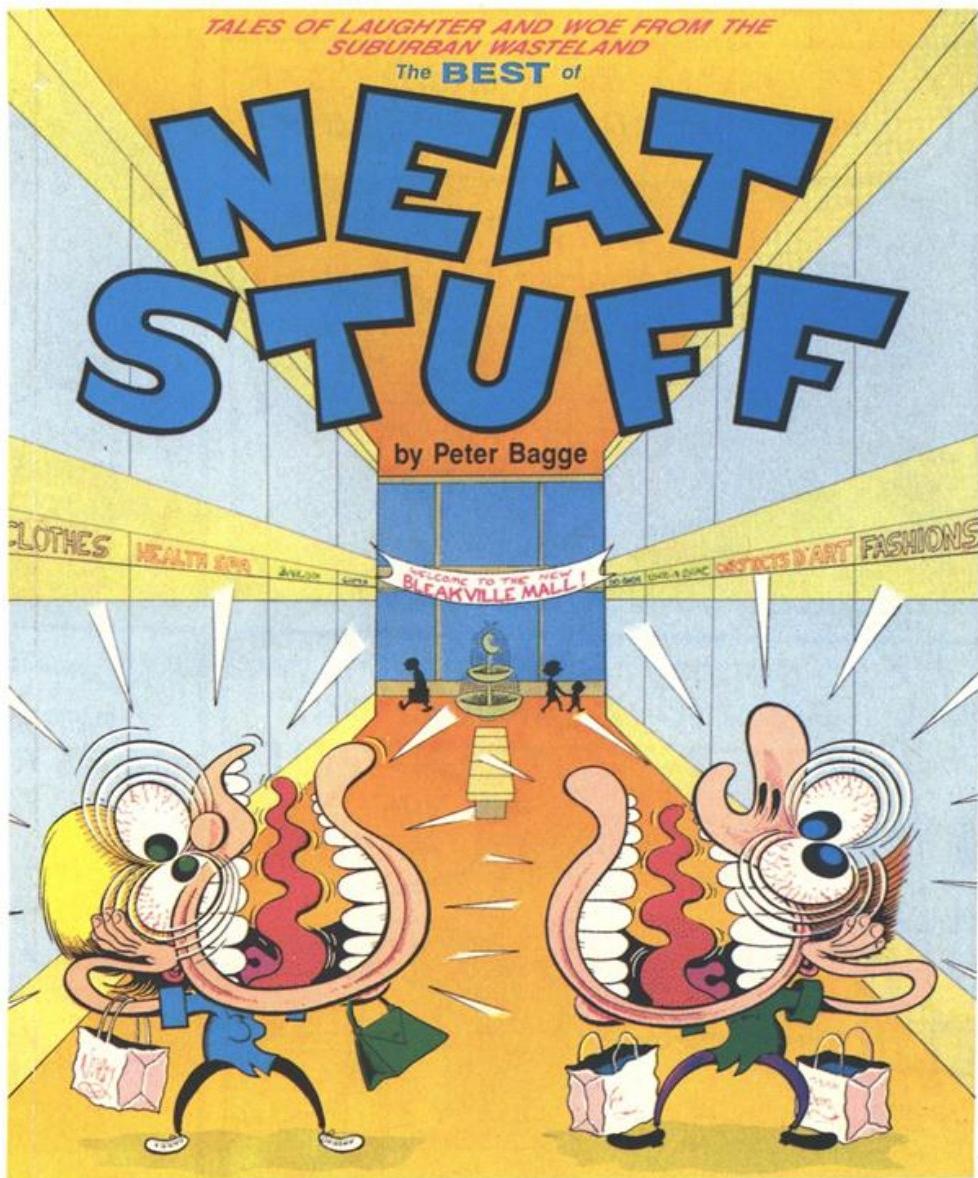
The cover of Peter Bagge's *The Best of Neat Stuff* captures the essence of his twisted humor. It depicts those cuddly, suburban lovebirds, Chet and Bunny Leeway, trapped inside the "new Bleakville Mall," eyes popping and tongues wiggling as they share a matched set of 4th degree nervous breakdowns.

Bagge got his earliest exposure at *Swank* and *Screw* magazines and was a major contributor to a couple of sorely missed NYC-based humor mags, *Comical Funnies* and *Stop!* Robert Crumb handed him the editorial reins to *Weirdo* a few years back, but Bagge passed that chore on to Aline Kominsky last year so he could concentrate on his solo mag, *Neat Stuff*. Fantagraphics Books has published 10 issues of *Neat Stuff* to date, and this book features highlights from the first eight. Also reprinted is Bagge's classic tale of "The Reject" (from *Weirdo*), and the original strip starring Chet and Bunny Leeway from *Bad News*.

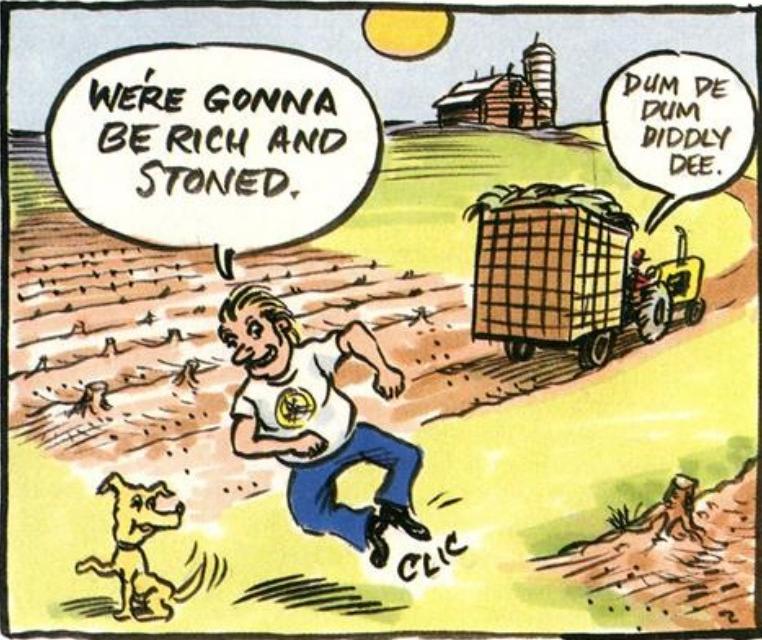
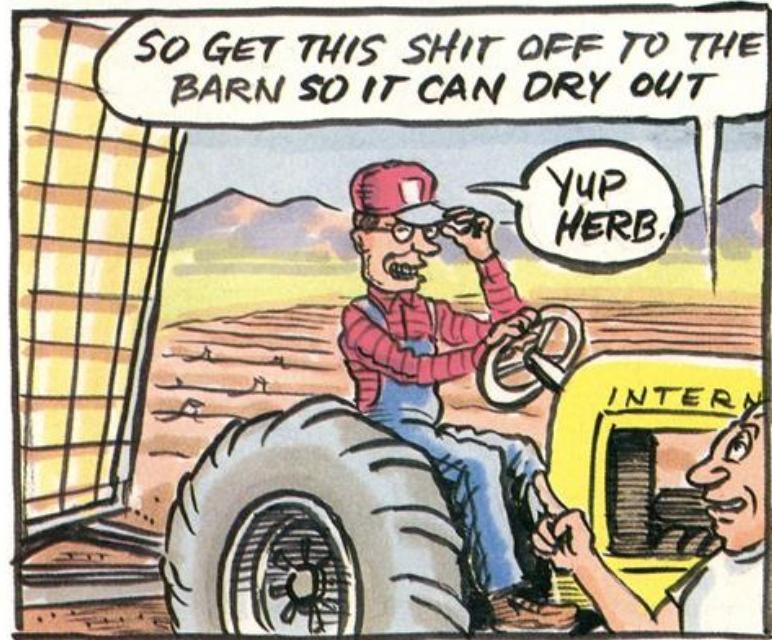
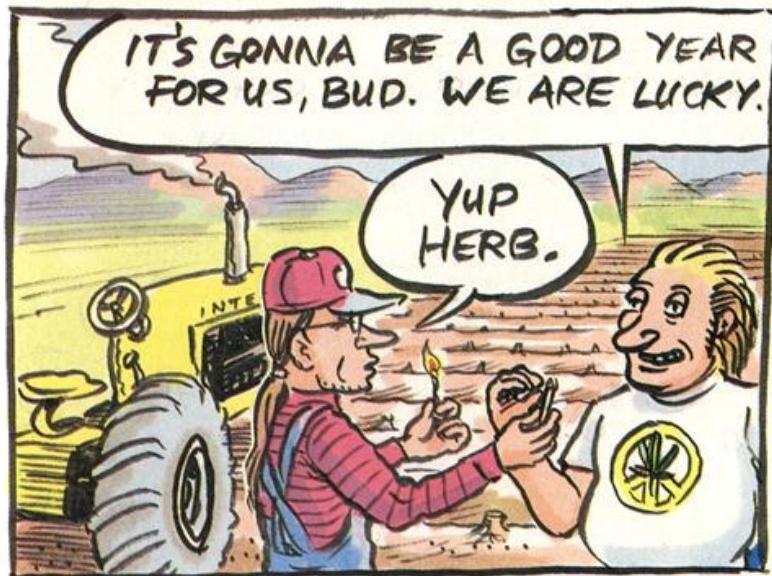
Bagge's characters represent a cross section of typical American nutcases—Studs Kirby, the redneck who makes Archie Bunker look like Mister Rogers; Junior, the eternal adolescent who will never move out of his parents' house; Girly Girl, the psychotic, irrepressible nemesis of her hopelessly naive victim, Chuckie Boy; and the Bradleys, a "so real it hurts" portrait of a middle class American family.

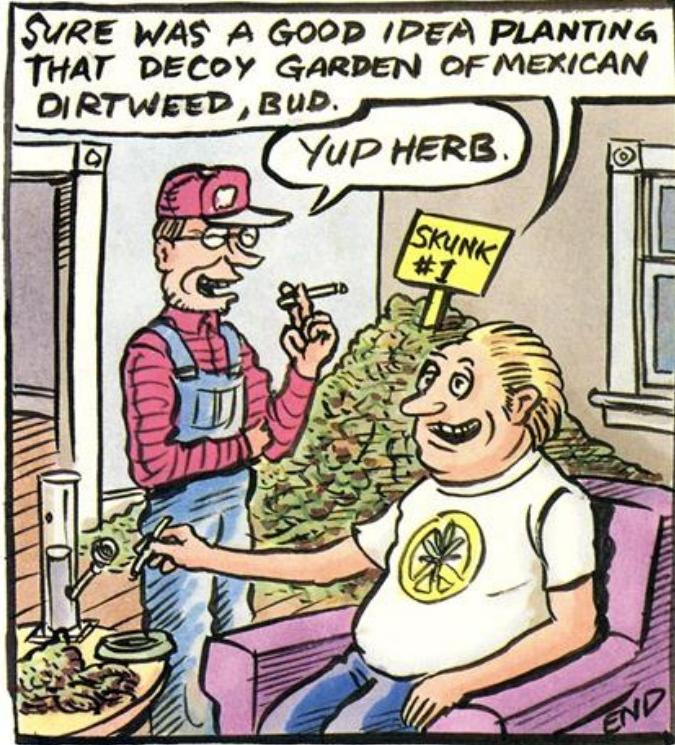
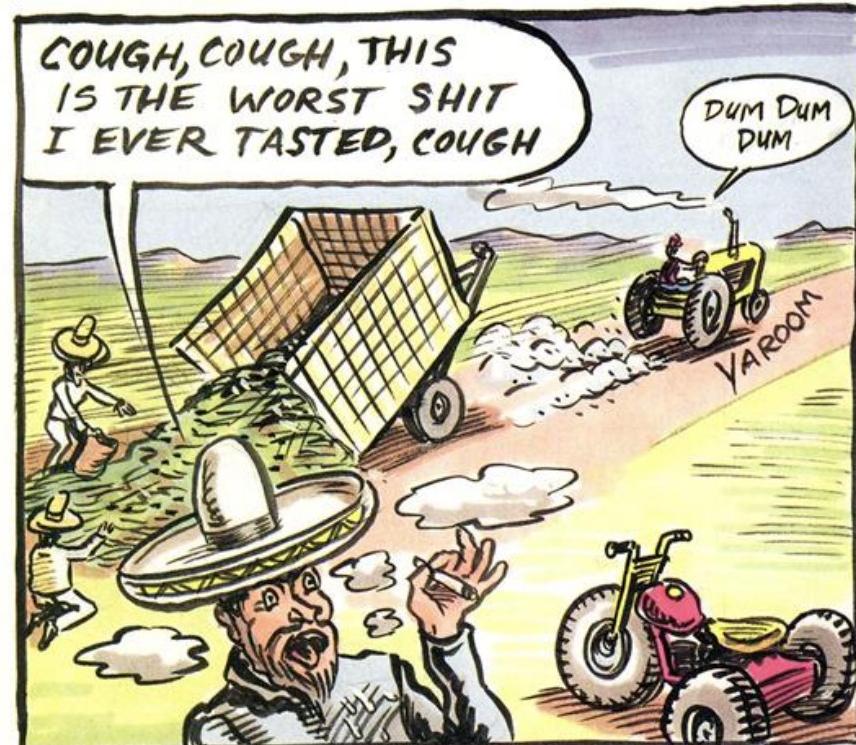
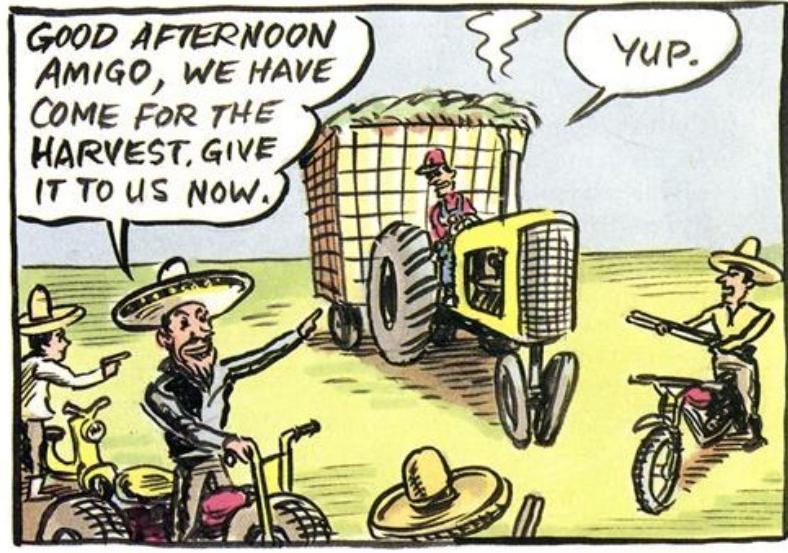
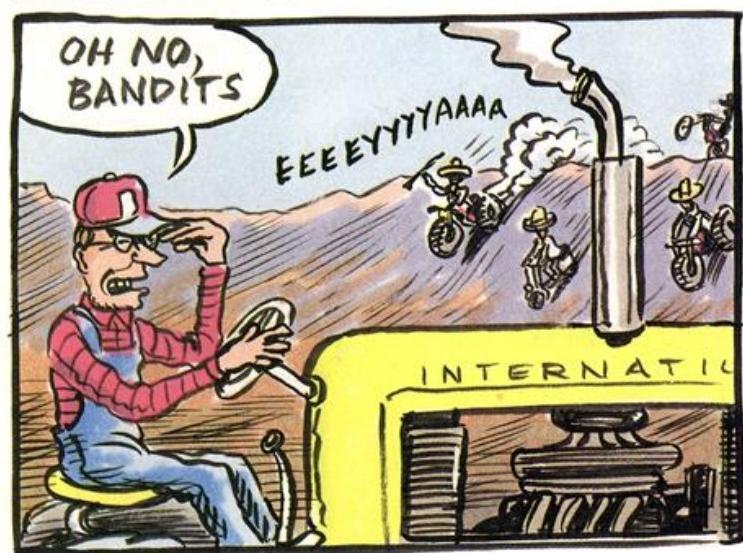
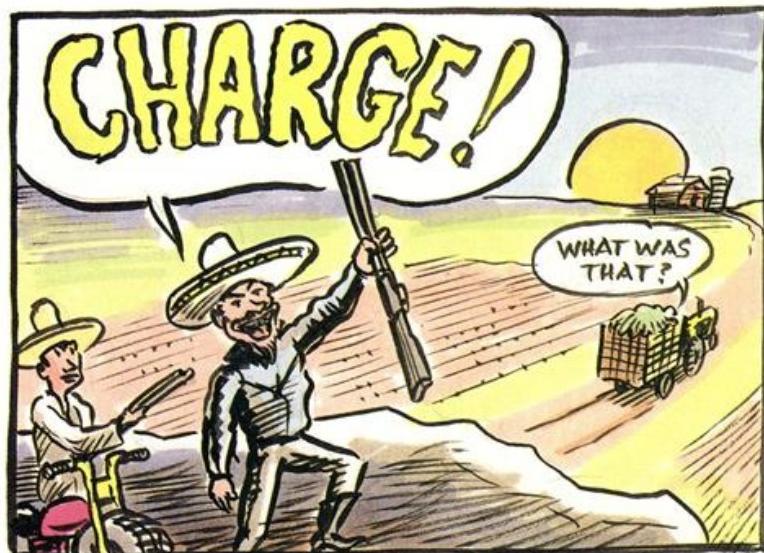
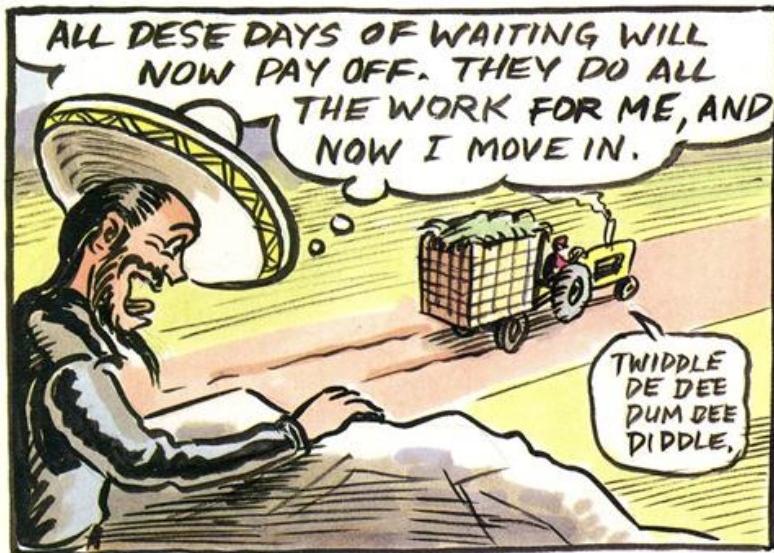
Those already hip to Bagge's work probably own every issue of *Neat Stuff* and won't need this collection. If you're unaware of this madman, treat yourself to this excellent compilation of Pete's finest strips. The book is truly a bona fide, Grade A batch of *neat stuff*.

—Dale Ashmun



NEAT STUFF gives comix nuts a glimpse into the wacky world of Peter Bagge, underground comix' latest wunderkid.





gone - gone girl of the month

Jennifer Rubin

Jennifer Rubin plays Cynthia, a '70s "love child," in *Bad Dreams*, one of the summer's more entertaining gorefests. Cynthia has a slight problem—she's been in a coma for thirteen and a half years! (Hmm ... that would be around 1974 ...) Hey! That's the year HIGH TIMES first came out!) She becomes the unwitting victim of a crazed cult leader/preacher, then of a mad psychiatrist, both of whom have a nutty agenda for the world which involves mindwarping and mass suicide. "I think Cynthia has her head on straight," Jennifer says of Cynthia, "but society was a problem for her in the '60s, and now it's a problem again in the '80s: No one will listen to her!"

Jennifer, who made her film debut in *A Nightmare on Elm Street Part 3: Dream Warriors*, definitely portrays one gone-gone girl—she and the other mental patients in the movie's hilarious psychiatric clinic spend most of the time so stoned out on pure THC and various uppers, they can't tell who's killing who! ●





Garbage, Films, and Garbage Films

by Jim Poling

BRING ME THE HEAD OF ALFREDO GARCIA (MGM/UA)

Finally, Sam Peckinpah's best film goes beyond his personal break with the studio system (claiming he couldn't make the movies the way he wanted to make them) into something uncomfortably private and peculiar. Fierce performance by Warren Oates as a man with two heads; one is sitting in his backseat with a price on it collecting flies. This meditation on love and sex and death and money is stronger than both *The Wild Bunch* and *Straw Dogs* and through Oates' true love Isela Vega, Peckinpah has never so purely expressed his morbid and undying romanticism.

THE BOY WITH GREEN HAIR

(*Nostalgia Merchant*)

Joseph Losey's occasionally too sentimental but still worthwhile polemic about corruption and prejudice in small-town America. Twelve-year-old Dean Stockwell is the war orphan who becomes a social outcast when his hair turns color. Its significant release at the height of the Red Scare resulted in Losey being labeled a sympathizer. Ironically, Losey, who was indeed a Communist, was blacklisted only because a shooting schedule in Italy prevented him from appearing before the Committee on Un-American Activities. He continued to work overseas.

THE SHANGHAI GESTURE (Mystic Fire)

An overheated 1941 coolie melodrama that is, frankly, nuts. Set in a decadent gambling den in a Hollywoodized Shanghai, the incest angles and prostitution of the original play have been whitewashed, but there's still fun to be had with the mysterious "bird cage girls," the gamey atmosphere and the truly absurd casting of Victor Mature, luggish and inappropriate as the man of mystery, Gene Tierney as the barfly Poppy, and Ona Munson, all scary eyebrows as the evil Mother Gin-Sling. They constantly show surprise at seeing one another in the same movie.



Edie Sedgwick, a victim of Andy Warhol's superstar fixation.

CRUEL TRICKS FOR DEAR FRIENDS (Lorimar)

Cheap fun as Penn & Teller, masters of sleight-of-hand, or if you prefer (as they do) "America's foremost con artists", give a few lessons here in humiliating your friends and betting on them to look stupid. These video tricks are actually pretty clever, and not as mean-spirited as you might think (or hope), and since everyone has at least one best friend they really hate, a few bucks might as well be made off them since they insist on horning-in on your life.

FAT CITY (RCA/Columbia)

John Huston's great film about losers and dreamers thriving on self-deception, and, like the characters in *Barfly*, they really prefer their delusionary milieu to that of the respectability of "fat city" (slang for making it). Stacy Keach is the boxer, already a hasbeen at 29 and Susan Tyrell, memorable as the alcoholic basket case, a role she perfected here and continued to play throughout her career.

THE CARS THAT ATE PARIS (RCA/Columbia)

Peter Weir's cultish 1977 horror satire about car culture and a small provincial town that preys on unsuspecting travelers. A gruesome, droll and very moral comedy that arrived in the U.S. around the same time as *Mad Max* before Australian movies became synonymous with mummified soft-focus romanticism and virgin schoolgirls against pretty



John Wayne, the war-film vet smart enough to dodge the draft.

locations (sort of like Weir's later *Picnic at Hanging Rock*). Originally released as *The Cars That Eat People* and shy 15 minutes of this uncut video release.

THE GREEN BERETS (Warners)

A reissue to cash in on the recent spate of Vietnam films, and only John Wayne (as star and director) could have made something so dull out of claptrap so vile, so relentlessly stupid and unspeakably insane. It's never even funny though it can still shock you even while your senses are being numbed. Certainly someone somewhere must have seen the irony and sick humor in the final scene when Wayne cuddles a Vietnam baby boy, both of whose parents have been killed, and mumbles something to the effect of, "We're doin' this for you, kid." The issue of who orphaned the kid is never addressed. There is also a rather nutty obsession with punji knives.

EDIE IN CIAO! MANHATTAN (Pacific Arts)

A reissue of David Weisman's film starring Edie Sedgwick, which was intended as fiction until the Warhol "superstar" died during filming and then reconstructed into a documentary. Engrossing, sick and terribly dispiriting as we watch the lithe pop beauty disintegrate before our eyes into a breast-implanted, brain-fried prop who hasn't a clue that her social, financial and moral tailspin and her death are being exploited. Familiar Warhol faces include Paul America and Viva.

continued on page 96



PSYCHOTRONIC

by Michael J. Weldon

The Fungus is Among Us! Vampire Plants and Mushroom People

"Call any vegetable, and the chances are good, that the vegetable—will respond to you."

— Frank Zappa

The most famous killer plant movie is Roger Corman's great two-and-a-half-day comedy, *LITTLE SHOP OF HORRORS*. It was the basis for the long running off-Broadway musical comedy, which was turned into a big budget "major motion picture" in '86. Jonathon Haze, who played Seymour Krelboing, the original creator of the talking man-eating plant, Audrey Jr., directed his own plant comedy in '62. *INVASION OF THE STAR CREATURES* features two goofy vegetable monsters working for tall alien women who look like professional strippers. In '66, Mel Welles (the original skid row florist Gravis Muchnik) directed his plant movie, *ISLAND OF THE DOOMED* in Spain. Sleaze movie specialist Cameron Mitchell played a mad German botanist who creates a vampire tree! It was not a comedy. LSOH was actually remade twice. The first time was in '72 as a soft core adults-only nudie comedy, *PLEASE DON'T EAT MY MOTHER*. A voyeuristic middle-aged guy feeds naked women to the overgrown talking plants in his bedroom.

Venus fly trap and other various oversize bloodthirsty plants have been in many lost world and jungle movies. In *TARZAN'S DESERT MYSTERY* ('43), Johnny Weissmuller had to battle Nazis and a man-

eating plant. *VOODOO ISLAND* ('57) included "woman-eating cobra plants" and Boris Karloff. *THE LOST CONTINENT* (UK, '68) was overgrown with living seaweed and forgotten Bowie discovery Dana Gillespie. One of the first movies with plants that needed human killers to survive was *THE SPIDER WOMAN STRIKES BACK* ('46). Gale Sondergaard and her ugly assistant Rondo Hatton drain the blood to nourish its seedlings. *QUEEN OF BLOOD* ('66) had a female version draining the blood from young women to keep their crop healthy. Mad doctor George Coulouris fed whole bodies to his plants in *THE WOMAN EATER* (UK, '59), and when he wasn't busy turning a chimp into a giant gorilla, Michael Gough did the same in *KONGA* (UK, '61).

The classic, original version of *THE THING* ('51) featured James Arness as an alien plant monster who uses human (or dog) blood from astronauts (like Dennis Hopper and John Saxon) on a spaceship.



SWAMP THING ('82) was a friendlier, earthbound part vegetable creature. Both versions of *INVASION OF THE BODY SNATCHERS* ('56 and '78) had alien pods that evolve into duplicate, emotionless humans. *FROM HELL IT CAME* ('58) starred a walking tree monster terrorizing natives on a pacific island, and Warhol superstar Joe Dallesandro went to Puerto Rico and turned into a tree in *SEEDS OF EVIL* ('74). *THE WIZARD OF OZ* ('39) had pretty good monster trees, but they only scared people. Joan Collins got what she deserved (eaten by a killer tree) in a segment of *TALES THAT WITNESS MADNESS* (UK, '73). A deadly vine strangled people in another British horror anthology, *DR. TERROR'S HOUSE OF HORRORS* ('64), and giant carnivorous plants from outer space threatened the whole world in *DAY OF THE TRIFFIDS* (UK, '63). Three years later that film was ripped off in America when Mamie Van



Konga, a hilarious comedy featuring man-eating plants.

Doren screamed in *THE NAVY VS. THE NIGHT MONSTERS*.

Fungus creatures were in *THE CREEPING UNKNOWN* (UK, '55), *THE UNKNOWN TERROR* and *SPACE MASTER X-7* (both '58), and *MUTINY IN OUTER SPACE* ('65). Stephen King turned into fungus in *CREEPSHOW* ('82). Giant



Please Don't Eat My Mother, the first-ever remake of *Little Shop of Horrors*.

mushrooms were in *JOURNEY TO THE CENTER OF THE EARTH* ('59). Pat Boone even ate some. In *ATTACK OF THE MUSHROOM PEOPLE* (Jap., '63), shipwrecked tourists are surrounded by mushrooms of all sizes, and despite warnings, start to eat them. They laugh, hallucinate, go crazy, and eventually turn into carefree walking toadstools! Down south in The Philippines, the "Chlorophyll creature" fought hero John Ashley in *MAD DOCTOR OF BLOOD ISLAND* ('69) and its sequel *BEAST OF BLOOD* ('70).

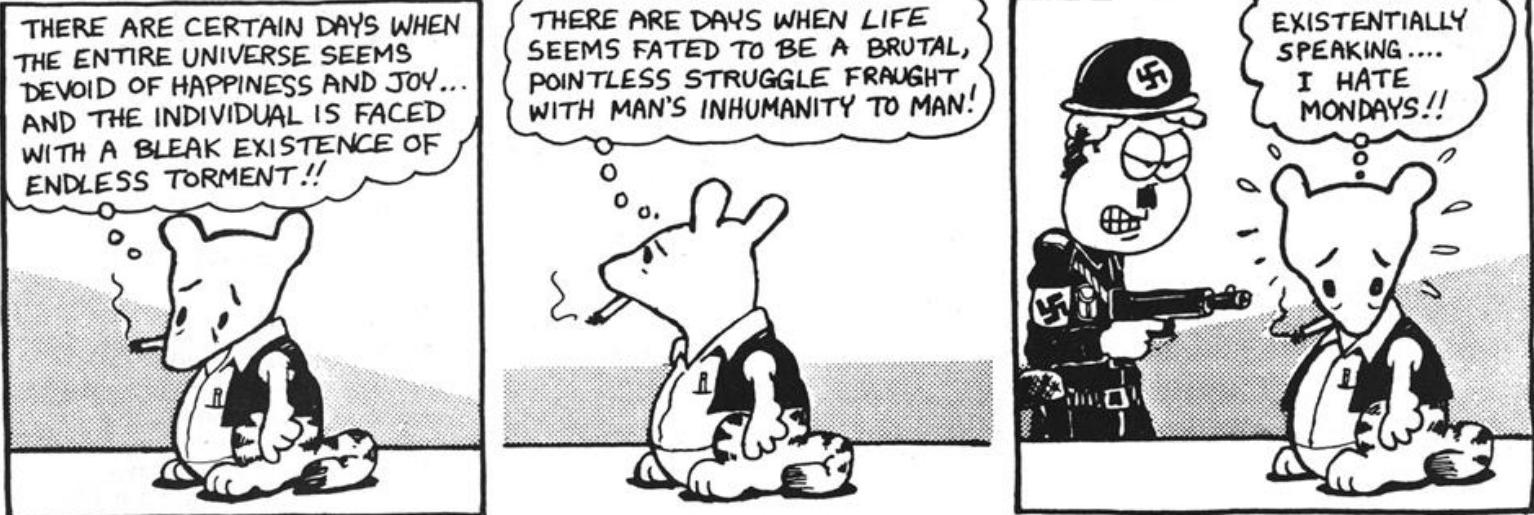
In *THE KIRLIAN WITNESS* (aka *THE PLANTS ARE WATCHING*, '78) a houseplant helps solve a murder. *ATTACK OF THE KILLER TOMATOES* ('78) is a dumb comedy in the tradition of *INVASION OF THE STAR CREATURES*, and shows normal size tomatoes chasing and killing people. Dr. Moreau (Charles Laughton) created giant flowering plants in *ISLAND OF LOST SOULS* (based on H.G. Wells), and a meteor made plants grow large (and turned Boris Karloff into a monster) in *DIE, MONSTER, DIE!* (UK, '65), based on H.P. Lovecraft. In '87 David Keith directed a remake called *THE CURSE* featuring Wil Wheaton, the kid on the new Star Trek series. *THE CURSE* isn't very good, but its contaminated oversized vegetables are pretty disgusting, and it qualifies as the first serious post-Chernobyl killer vegetation movie. Can't you see them responding? ●

WHAT IF UNDERGROUND COMIX WENT OVERGROUND?

CRUMBWOOD & BUNCHIE



MAUSFIELD



COOLVIN & BUDS





HOUND'S eye View

Summer Means Fun-Motherfucker

by James Marshall

As I'm writing this it's gonna snow here in stinkin' New York City, but as you're reading this it's July and it's too goddamn hot to do much of anything but roll a dozen J-bones, drink a couple of six-packs and wait 'til the sun goes down to switch over to mixed drinks (Hound's recommended summer cocktails—Powerlounger, that's vodka and lemonade, and the potsmoker's choice, the Orange Whip—vodka, orange juice, and a splash of soda water) and listen to some records.

For that lazy summer feeling of being stuck in a mental swamp, you can't beat *I'm Jimmy Reed* (Vee Jay) and *The Best of Slim Harpo* (Rhino). Both capture the "wallowing in your own sludge" feeling of mush-mouthed blues better than anything I know, and you can fuck to 'em, too.

By the time this hits the stands, *The Del-Lords Based On A True Story* (Enigma) should've sold a million or so discs and Del-Lord guitar star Eric "Roscoe" Ambel's solo LP *Roscoe's Gang—Just Say Yo!* (Enigma) will be in the stores. It features a get off yo' ass and jam rendition of Swamp Dogg's "Total Destruction To Your Mind," a screaming workout on Dylan's "If You Gotta Go, Go Now," soon-to-be-classics "30 Days in the Workhouse" and "You Must Have Me Confused With Some One Who Cares" from the pen of ex-Morells' frontal lobe Lou Whitney, and best of all, a no-holds barred reading of Neil

Young's "Vampire Blues" where you can actually hear the tape running out on the machine. With help from the Morells (the midwest's best kept rock 'n' roll secret), Mojo Nixon, Sid Straw, the db's Peter Holsapple et al., it's a Buck Owens meets Aerosmith, all amps on 11, perfect summer disc. So buy two copies.

It wouldn't be summer without the Beach Boys. Folks will yap your ear off about what a masterpiece *Pet Sounds* is, but I'd have to go with *Beach Boys Party* (Capitol) for the ultimate in summer trash listening. This is the real Beach Boys, dumb jokes and all.

Of course, the heat brings on aggression, too. So when all your nerve endings are a snarling mass of throbbing tension, you can listen to *The Stooges—Metallic KO* (Fan Club/French import). Reissued after 10 years, this time as a two-record set, we hear the most anti-social rock 'n' roll show ever—The Stooges at their final gig in 1974, facing down a biker gang who came to kill them. In between tunes like "Rich Bitch" and "Cock In My Pocket," hear Iggy taunt the audience beyond belief ("you pricks can throw all the bottles in the world and your girlfriend'll still love me") and play through a hail of bottles, eggs, cameras, etc. thrown at the stage. When it's over you'll be too tired to kill anybody.

To perfectly complement the summer pot & beer fuzz brain, the crystal clear biting 12-string sound of *The Byrds* can be heard in amazing audiophile stereo on *Never Before* (Murray Hill), a fantastic collection of unreleased sides and alternate stereo mixes. Especially great is the savage alternative take of "Eight Miles High" that I'd take over the hit version for sheer mania.

So don't sweat it, kids, soon it'll be winter and it'll be too cold to do anything but roll a dozen J-bones ... ●



Would you believe The Hound is a big fan of the Beach Boys (pictured above with Annette Funicello)? We didn't think so.



continued from page 93

PETULIA (Warners)

The kind of '60s movie that was often referred to as "kooky." Richard Lester, the king of British kooky, put his Beatlemania behind him (he directed *Help!* and *A Hard Day's Night*) and made two good movies—*The Knack* and this one. Julie Christie stars and it's all a little more than indescribable and nervous and fractured and skittish as well, kinda kooky you know. Most important, it's also very nearly perfect. With George C. Scott.

THE SWORD AND THE DRAGON (United)

I guess my fondness for this clanky, panoramic (106,000 extras—boy-o-boy), Russian-made fantasy has something to do with long-gone kiddie matinees, three-headed dragons and throwing Milk Duds at theater ushers. At one time I thought it was quite impressive and colorful. The color has faded to soupy purple, which was expected, but it still made me want to throw Milk Duds—only because United Video has sandwiched a choppy print in between execrable shot-on-video footage of a stupid farm boy obnoxiously squatting on a library floor to "read the story" of what's left of the film.

THE GREAT McGINTY (MCA)

Watch a Preston Sturges comedy, then determine what's funny or not. This story, told in almost labyrinthine flashback (beginning at a sleazy bordertown dive), of a bum thrust into the governor's chair by corrupt political machinations is just the kind of thing Frank Capra would have mucked up with sentiment. It's hard, bitter and funny, and Sturges only got better: see his *The Lady Eve*, *The Palm Beach Story* and *Christmas in July* also on MCA and *The Miracle of Morgan's Creek* on Paramount.

HELLRAISER (New World)

A surprise is always welcome in the weekly regurgitation of horror movies, and a literate one is fairly unheard of. Last year it was this debut feature from novelist Clive Barker, whose *Rawhead Rex* was also adapted last year, miserably, without Barker's control. The principal actors in this bloody Gothic take a backseat to the flailing entrails and sadomasochism of a dead and rotting (and horny) demon. ●

THE TOP 100

- | | | | |
|--|--|--|--|
| 1. BONG HITS | 4. SEX ON ACID | 51. SKUNKUS INDOCUS MAXSINSUS | 76. Fiona, Maria, + Biz IRON MAIDEN |
| 2. GRATEFUL DEAD | 1. INVERTED BONG HITS | 52. The Cro-Mags TAKING LSD | 77. MY PARROT TARZAN AND HIS GOOD TASTE IN FINE HERBS |
| 3. Pink Floyd | 28. ALABAMA POISON (PURPLE SKUNK) | 53. (AFTER SEVERAL HUNDRED TRIPS - NOT ENOUGH) | 78. BURNT OUT |
| 4. LONG, THICK, STICKY, STINKY, SKUNK BUDS | 29. BLACK SABBATH SEX ON "X" | 54. BONG BARFS (YOU DON'T GET OFF UNLESS YOU COUGH!) | GRAND FUNK'S FIRST ALBUM |
| 5. LED ZEPPELIN | 30. (ECSTASY) | 55. KILL THE YUPPIES! | 80. AT VOLUME 10 THROUGH HEADPHONES AT 4:00 AM 'TIL YOUR GUTS HURT |
| 6. SEX | 31. LEGALISE IT | 56. COOKING LIKE CHEF RA | 81. TEQUILA IN THE MORNING |
| 7. NORML REEFER | 32. Bob Marley | 57. JOHNNY BOB (WHERE IS HE NOW?) | DOUBLE GIRL WARM |
| 8. GOD MAKES IT, I SMOKE IT. THAT SETTLES IT. | 33. PEACE THROUGH ANARCHY | 58. Harley-Davidsons BIG, FAT, SKUNK SNEPTERS | 82. COCONUT BLOWJOBS IN BANGKOK |
| 9. ASK ED | 34. AC/DC | 59. DRUGS (EXCEPT CRACK) | 83. CAMEL HARPPACKS |
| 10. JIMI HENDRIX | 35. ALICE COOPER FOR GOVERNOR OF ARIZONA (A TROUBLED MAN FOR TROUBLED TIMES) | 60. PEYOTE | HAVING SEX WITH |
| 11. NEXTUNE | 36. FAT FREDDIE'S CAT | GETTING STONED AT | 84. MY WIFE (I LOVE BUFFY) |
| 12. LSD Z-ROCK | 37. BURNING ISSUES (MARIJUANA LIBERATION NEWSLETTER) | 62. THE WATERFALL IN NEW PALTZ | 85. BAN THE BOMB, NOT THE BONG |
| 13. (COME BACK TO CLEVELAND) (WELCOME TO UTAH) | 38. FREEDOM | 63. BOB WEIR'S VOICE | SITTING IN MY GROW ROOM SNIFFING+SMILING |
| RUSH | 39. HEP CAT | GATORING | 87. DEB PARKER (GO-GO GIRL EXTRAORDINAIRE - I AM IN LOVE!) |
| 14. (THE BAND - NOT THE SHIT IN THE BOTTLE) | 40. DEATH TO LIFERS (N.C.O.S.) | 64. (A WORD FROM US WILD PARTY ANIMALS IN WESTPORT, WA.) | 88. FEELING GOOD (IS IT ILLEGAL?) |
| 15. LETTERMAN SHROOMS | 41. GOD | 65. The Young Ones | 89. TROOMING (TRIPPING+SHROOMING) |
| 16. SHROOMS | DOING BONGS WITH THE | VICTORAS KULUINSKIAS | 90. THE TOILET MONSTER |
| 17. BAKE-A-THON'S APT. 21B QUINNIPAC COLLEGE | 42. SHERIFF'S SON MURPHY'S LAW | 66. (AUTHOR OF SURVIVAL INTO THE 20TH CENTURY) | 91. 36-24-36 (MY MEASUREMENTS) |
| 18. KNAC 105.5 | 43. GI JOE WITH THE | 67. DRUG DAMAGED BRAIN ADDICTS | SUBSTITUTING MORTON |
| 19. F.T.A. (FUCK THE ARMY) | 44. KUNG-FU HAND GRIP | GETTING HIGH WHILE | 92. DOWNEY JR. FOR LABORATORY RATS AND INJECTING HIM WITH MASSIVE QUANTITIES OF NICOTINE |
| 20. WAKE 'N' BAKE | 45. LENTIL SOUP (LENTILS ROCK MY WORLD) | 68. WASHING WINDOWS ON SKYSCRAPERS | 93. LORETTA LOVES ALERIC (12 YEARS!) |
| CHRIS + GREG'S ULTIMATE PARTY HOUSE - CHICAGO'S NORTH SIDE | 46. LIVE SYMPHONY CONCERTS | 69. VIOLENCE SUCKS | 94. TRIPPING IN A TREE (TRY IT!) |
| 21. PARTY HOUSE - CHICAGO'S NORTH SIDE | 47. Cherry Garcia | MAURICE "RED" LYNCH, NOBEL PEACE PRIZE 1988 | TREMENDOUS, TRICHOME, TANGY |
| 22. JESUS THE LORD "GUMBO" | 48. The Seeds (60'S ROCK GROUP) | 70. GOOPIDY GOOP BUDS | 95. TIGHT THAI BUDS |
| 23. OHIO'S INDICA '88 | 49. GROWING YOUR OWN C.O.L.Z. | 71. (THE ONES WITH THE GOOPIDY GOOPS) | 96. NYMPHOMANIACS (LIKE MYSELF!) |
| 24. DEAD HEADS | 50. (CHURCH OF LED ZEPPELIN - SAN JOSE, CALIFORNIA) | 72. SNOWBOARDING | THROWING SEEDS INTO |
| "BOARD MEETINGS" WITH "THE CHAIRMAN" | | TUNAFISH CASSEROLE | 97. THE NEIGHBORHOOD COP'S LAWN |
| | | 73. W/CRUMBED POTATO CHIPS ON TOP | 98. U.S.B.T. (UNITED STATES BONG TEAM) |
| | | 74. LET'S GET STUPID | BUMFUCK, EGYPT |
| | | MAKING IT PAST REID AT | 99. (SOMEWHERE IN WYOMING) |
| | | 75. CHECK-IN ON SATURDAY NIGHTS AT POMFRET | IF AT FIRST YOU DON'T SUCCEED, THEN FUCK THE WORLD AND SMOKE SOME WEED |

COOL! FIREWORKS!

VOTES COMPILED
AND CHART
DRAWN BY
JOHN HOLMSTROM**NORMLTHON UPDATE!!**

WOW! THE NORMLTHON JUST HIT THE STANDS, AND CONTRIBUTIONS TO NORML ARE POURING IN! (SO IS MONEY FOR CRAZY NED'S DISCOUNT, BUT HEY! THAT WAS A JOKE, FOLKS!) WE ALREADY SENT NORML THEIR FIRST BATCH OF CHECKS. (I'M DISAPPOINTED, THOUGH - SO FAR, I HAVEN'T RECEIVED ONE SINGLE BALLOT BOX STUFFER FOR THE NORMLTHON!)

#1

#2

#3

THIS MONTH'S TOTAL - ALMOST \$1000

MAIL YOUR VOTE TO: THE HIGH TIMES TOP 100, 211 EAST 43rd ST., N.Y.C., NY. 10017

DANSCO

INDOOR
GARDEN
CENTERS

One stop shopping

LIGHTING SYSTEMS

(all systems are completely wired with quiet, ventilated ballast enclosure and quick-disconnect lamp lead)
2 year ballast warranty and 1 year lamp warranty

1000W Metal Halide 189.00
(Superbulb)

400W Metal Halide 139.00
(Superbulb)

Metal Halide Phosphor
Coated Bulbs add 5.00
175W Metal Halide 110.00
1000W High Pressure Sodium 259.00
400W High Pressure Sodium 189.00
150W High Pressure Sodium 110.00
Horizontal or Parabolic Reflectors for
1000W Systems add \$10.00 &
for 400W Systems add \$20.00

BULBS

1 year lamp warranty

METAL HALIDE:

MS1000, 125,000 lumens 59.00
MS1000 Hor., 125,000 lumens,

horizontal 69.00

MS400, 40,000 lumens 44.00

MS400 Hor., 40,000 lumens,
horizontal 54.00

Metal Halide Phosphor
Coated Bulbs add 5.00

M175, 15,000 lumens 29.00

HIGH PRESSURE SODIUM:

LU1000, 140,000 lumens 69.00

LU400, 50,000 lumens 45.00

LU150, 16,000 lumens 39.00

HIGH PRESSURE SODIUM CONVERSION:

940W, 140,000 lumens 139.00

360W, 50,000 lumens 69.00

FLUORESCENT TUBES:

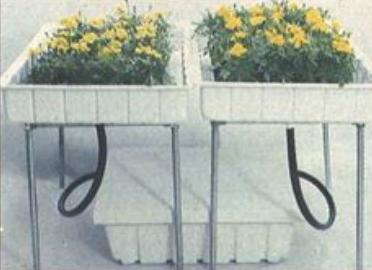
24" Gro Lux 7.95

24" Vita Lite 12.50

48" Gro Lux 9.95

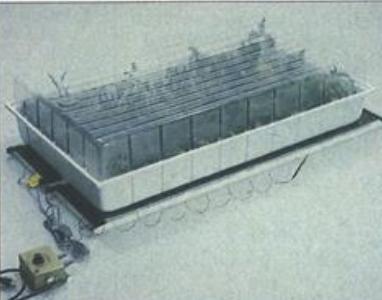
48" Vita Lite, Power Twist 13.95

EBB-FLOW SYSTEM \$39.00/Module*



Includes: 44" x 24" Tray & Irrigation System

*Benching, Pump, Timer & Reservoir purchased separately)



PROFESSIONAL PROPAGATION SYSTEM
\$169.00

Includes: 1 - 44" x 24" x 11" Propagation Dome, 2 Pro Heat Mats, Thermostat w/ Remote Probe & 1qt Cloning Solution

REFLECTORS

(Polar white finish on all, sockets included)

22" Round	24.95
44" Conical	39.95
48" Parabolic	54.95
84" Parabolic	169.95
Horizontal HPS	49.95
Horizontal MH	54.95

LIGHT MOVERS

4" Light Track	99.00
6" Light Track	99.00
1LS Sun Circle	139.00
2LS Sun Circle	199.00
3LS Sun Circle	259.00

HYDROPONICS

HYDRO-FLO I	265.00
Incl: 6 trays, 36 one gallon pots, reservoir, pump, timer, filter, irrigation, rockwool, nutrients & pH Control	
Expansion Module	16.00
HYDRO CELL II	250.00
Incl: 12 two gallon cells, reservoir, pump, timer, filter, irrigation, rockwool, nutrients & pH Control	
Expansion Cell	6.00

TEST EQUIPMENT

Digital pH Pen	59.95
Digital Dissolved Salts Pen	59.95
Combination pH & Dissolved Salts Meter	399.00
Professional Digital Light Meter	175.00
CO ₂ Tester	8.95
CO ₂ Analyzer Tubes	4.50
MIN-MAX Thermometer	12.95
Temperature Humidity Gauge	12.95
30x Light Scope	26.95
100x Light Scope	49.95



With 10 years in business we have the experience to anticipate our customers' needs. Most orders shipped within 24 hours.

VISA, MC, Amex, COD orders welcome.

CO₂ SYSTEMS

Injection System, w/o tank	179.00
Injection System w/ exhaust control, w/o tank	279.00
CO ₂ Regulator/Flow Meter	79.95
DANSCO Propane Burner/CO ₂ Generator	269.00
Johnson Propane Burner/CO ₂ Generator	499.00

ODOR CONTROL

Zestron 700 Ionizer	79.95
Zestron 1000 Ionizer	79.95
Zestron Collector Ionizer	110.00
Zestron 3600 Ionizer	320.00
DANSCO Charcoal Air Filter	79.95
Ozone Generator for total odor removal	879.00

TIMERS

15A 120V, 24hr, Heavy Duty	19.95
15A 240V, 24hr, Heavy Duty	24.95
40A 120V, 24hr, Industrial	33.95
40A 240V, 24hr, Industrial	38.95
40A 120V, 1-60 minute cycle	67.95
15A 120V, 4 ON - 4 OFF, 1 minute min.	26.95

FANS & BLOWERS

100 CFM Axial Fan	25.50
240 CFM Axial Fan	57.95
560 CFM Axial Fan	59.95
60 CFM, Squirrel Cage	30.95
100 CFM, Squirrel Cage	38.95
140 CFM, Squirrel Cage	40.95
265 CFM, Squirrel Cage	45.95
465 CFM, Squirrel Cage	56.95
745 CFM, Squirrel Cage	112.95
980 CFM, Squirrel Cage	109.95
1450 CFM, Squirrel Cage	142.00
300 CFM, Duct Fan	44.95
425 CFM, Duct Fan	47.95
660 CFM, Duct Fan	51.95
9" Oscillating Table Fan	25.95
12" Oscillating Table Fan	35.50
16" Oscillating Table Fan	52.95
9" Wall Mount Fan	45.95
12" Wall Mount Fan	52.95
16" Wall Mount Fan	59.95

THERMOSTATS & HUMIDISTATS

Thermostat, heating or cooling	19.95
Thermostat, heating or cooling w/ remote probe	34.95
Humidistat 40 - 90%	47.95
Combo Thermostat-Humidistat Fan Controller completely wired with 2 outlets	109.95

SUBMERSIBLE PUMPS

120 GPH	36.95
140 GPH	38.95
170 GPH	39.95
205 GPH w/ float control	59.95
240 GPH	47.95
1250 GPH	67.95

DANSCO INDOOR GARDEN CENTER

844 University Avenue
Berkeley, CA 94710
(415) 549-2918
► (800) 523-1367

Dealer Inquiries: DANSCO DISTRIBUTORS 4442-27th W. Seattle, WA 98199 (206) 282-7282

PROPAGATION AIDS

24" x 44" x 11" Propagation Dome	49.95
48" x 11" Pro-Heat Tape	21.95
Thermostat w/ remote probe ± 1°	69.95
Woods Rooting Compound	7.95
Rootone F, 2oz	4.49
Olivia's Cloning Solution, 1 qt	11.95
Olivia's Cloning Solution, 1 gal	39.95

ROCKWOOL

1/4 x 1/4 Multi-Blocks	.07
2 x 2 Multi-Blocks	.10
3 x 3 Cube	.34
4 x 4 Cube	.48
6" x 3' Slab	4.75
8" x 3' Slab	6.25
12" x 3' Slab	9.50
45lb Repellent Bale	28.50
35lb Absorbant Bale	22.00
55lb Absorbant Bale	49.00

Full case discount of 10% on Rockwool products

REFLECTANTS

4' x 25' Mylar	17.95
4' x 50' Mylar	27.95
4' x 100' Mylar	44.95
20' x 100' White Visqueen	59.95



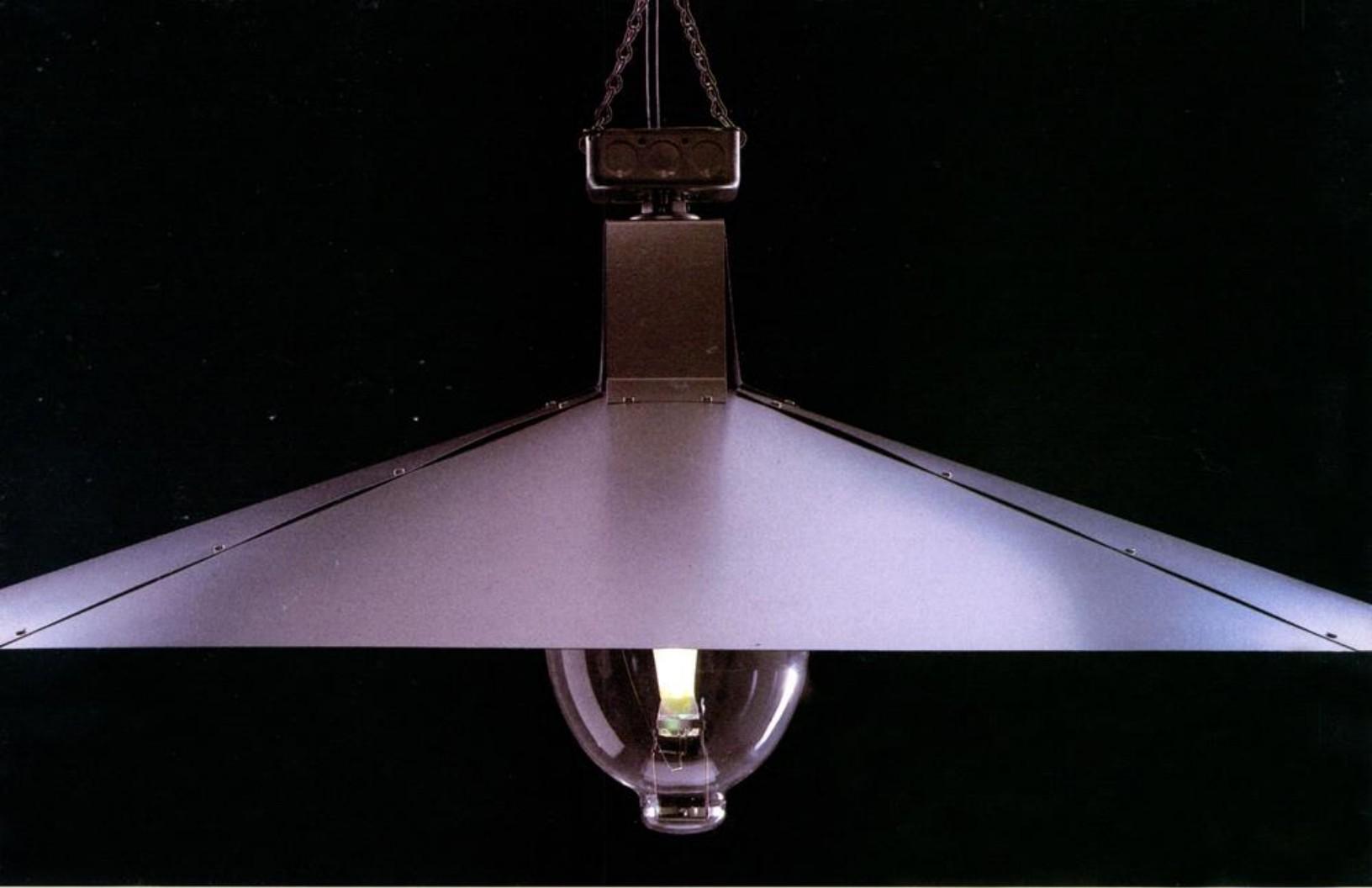
SLAB SYSTEM \$59.00/Module*

Includes 3 - 3' x 8' Rockwool Slabs, Drip Irrigation System & Tray *Benching, Pump, Timer & Reservoir purchased separately)

BOOKS

Gardening Indoors	16.95
Beginning Hydroponics	7.95
Hydroponic Food Production	29.95
Rockwool In Horticulture	34.95

We also carry General Hydroponics, Suncor, WonderGrow and Eco-nutrients and pH Control along with many other products. Complete price list available.



HOW TO BUY THE MOST SUPERIOR HALIDE SYSTEM IN THE WORLD.

The process of choosing the right Halide system no longer has to be a game of Hide and Seek. For over four years we at Ram Enterprises have taken pride in producing the highest quality metal Halide indoor gardening systems. Each is complete with a full one year guarantee, not



to mention prices that make our competition squirm.

Our systems exceed and surpass bulb and ballast manufacturers' codes. Each system is equipped with a Jefferson or Advance low-noise ballast and capacitor, solidly mounted in a steel box uniquely designed to maintain the ballast and capacitor at their optimum running tempera-

ture. We also use high-temperature triple-jacketed 600-volt wire for your absolute safety. And as an added feature, pulse-rated bulb sockets of 5-KV.

If you've been buying anywhere else, you owe it to yourself to give us a call. You'll see that next to Ram Enterprises, all other Halide manufacturers are still in the Dark Ages.

Specifications and Prices

System A. 1000-watt Super Halide Sylvania MS 1000, clear or coated bulb, your choice of reflector (45 in. recommended) \$199.00

System B. 1000-watt high-pressure sodium LU 1000 Sylvania bulb, your choice of reflector (45 in. recommended) \$265.00

Bulbs only
MS 1000 BU clear Sylvania \$62.00

Prices do not include shipping & handling.

With locations in Washington, Oregon and California. © 1983 M&R LIGHTING, INC.

MS 1000 C/BU coated \$62.00
MS 400 Sylvania \$45.00

High-pressure sodium LU 1000

Sylvania \$69.95

High-pressure sodium LU 400

Sylvania \$45.00

Complete line of accessories.



The no-bullshit Halide specialists.
Call 1-800-426-5577
In Washington 206-833-8280

System

Name

Address

City

State

Zip

TO ORDER: Send cashiers check, money order or C.O.D. order (send 20% deposit) to:

RAM™
ENTERPRISES division of
M&R LIGHTING, INC. 420 Seattle Blvd.
Pacific WA 98047

High Times

JULY 1988



Reprinted from the High Times Archive

<https://archive.hightimes.com/issue/19880701/print>



©2023 - HIGH TIMES ARCHIVE. ALL RIGHTS RESERVED.